Vlad-Andrei DOROBANTU

PERSONAL

| Swiss/Romanian | Single | 40 | English, French, Romanian, German |

Email: vlad@ulmpassion.ch
Mobile: +41 79 230 52 24

SUMMARY

Vlad is a talented software engineer. He is able to discuss about very fine code details, but at the same time, he keeps a high perspective over the business. This quality allows him to solve complex problems with ingenious and simple solutions. Vlad likes a lot his job (analyze problems, help and support colleagues & feeling useful) and he always shows great enthusiasm and a strong desire to move forward. Its multiple roles within his company are: enterprise application integration, technological expertise & survey, methodology & normalization, pre-sales engineering, project management, framework & tools design, consulting and development of key projects, but also supporting developers when they have blocking problems.

Vlad worked as software engineer in concurrent programming over 18 years; he is also system engineer and database administrator. Vlad begun as electronics engineer, designing electrical circuits and programming DSPs in assembler and C. Working many years as a leading software developer in C/C++ and Java (J2EE), his ambition was to design the best multithreaded and communication-oriented servers. He designed a multitude of DCOM, RMI & distributed socket servers, which are all today in production. During these years, Vlad developed a very deep knowledge of operating systems APIs, especially the AS400, UNIX and Windows. Vlad also masters database programming on Oracle, DB2/400, DB2/UDB, SQL Server, MySQL is also an IBM WebShpere MQ (MQSeries) expert.

Vlad prefer to learn through self-study, but he loves to train people, enjoying teaching his knowledge.

EDUCATION

HES-SO EIG – School of Engineering Geneva - (1995)
Graduate Diploma in Electrical Engineering (EE), digital electronics and digital signal processing field

SKILLS

C/C++	14 years	ILE (C/C++, COBOL, CL) programming	13 years
Java	13 years	Microsoft Visual Studio .Net	2 years
C#	1 year	IBM WebShpere MQ (MQSeries)	11 years
PHP	3 years	JMS	1 year
Matlab	2 years	Distributed TCP/IP socket servers dev.	13 years
Java CC	1 year	ESB	1 year
IBM WebSphere Application Server	4 years	Relational Database Modeling	3 years
Caucho Resin Application Server	1 years	ODBC/JDBC	11 years
Apache Tomcat Application Server	6 years	IBM i (AS/400) administration	10 years
Adobe JRun Application Server	1 year	ADO	1 year
EJB and MDB	1 year	MFC	5 years
XML Technologies (xpath, xslt, SOAP)	6 years	ActiveX and DCOM (ATL)	4 years
MS SQL Server 2000	4 years	Web Services (SOAP + rest)	6 years
Oracle RDB, 8i, 9i, 11i	2 years	J2ME (MIDP 2.0 and CLDC 1.1)	1 year
MySQL 5	2 years	System design and architecture	13 years
Oracle P-SQL	2 years	Assembler (x86, TMS320C50, i5/OS MI)	3 year
DB/2 for System i (AS/400)	13 years	OrCAD (schematic electronic design)	2 year
Win32 (NT/200/2003/XP)	13 years	AutoCAD/CAD Draw (mechanical drawing)	1 year
i5/OS (OS400)	13 years	Reverse engineering/decompiling tools	14 years
Linux and HP-UX developing & admin.	10 years	Ethereal/libpcap network protocol analyzer	3 years
Microsoft Visual Studio 6.0 / C++ 2010	14 years	Inertial navigation and telematics	1 year
Modula2, Pascal, Visual Basic, Dos batch/sh	2 years	JFreeChart	1 year
UML design	1 year	Android & Raspberry Pi development	0.5 year
Encryption and IT security	14 years	Pdf XFA forms generation & design w/ iText	0.5 year

TRAININGS
UML Modeling - (1999)
Coaching Skills Programme - (2001)
Project Management - (2002)
IBM WDSC for System i (AS/400) - (2007)
IBM ESB (Enterprise Service Bus) - (2007)
IBM WID (WebSphere Integration Developer) - (2008)
IBM AIX UNIX Administration - (2008)

[2005 to now] ERI Bancaire, Geneva R&D Software Architect, Team Leader

Vlad manages the **PAM (Portfolio Asset Management)** team, acting as a development coordinator and architect on **OLY-PAM & OLY-ODS** platforms.

Recently, Vlad prototyped a system to **protect copyrighted programs** delivered by ERI Bancaire SA to their clients. The methodology is very interesting, but is kept secret. Total estimated work: 1 man-month (in progress).

Vlad designed a **format-preserving encryption (FPE) API** for OLYMPIC programs. On AS400, this API has been implemented by an ILE C program using Advanced Encryption Standard (AES) cipher algorithm from AS400 Cryptographic Services. A similar UNIX &Windows implementation has been done in Visual C++ 2010 / GCC, using Botan crypto library for C++. Total estimated work: 1 man-month.

Vlad developed a system to perform **ultra-fast search for "ERISVN"** source code files. Some Restful Web Services and a simple Web interface has been developed in PHP and sh. OLY-IDE (our in-house Eclipse) use these Restful Web Services providing full integration to developers. Total estimated work: 1 man-month.

Vlad developed an API allowing OLY-IDE (our in-house Eclipse) to automatically generate XFA pdf forms, through an iText-based API. Vlad designed also these forms using Adobe LiveCycle Designer ES3. Once forms are automatically filled by OLY-IDE, developers can manually change various details with PDF-XChange Viewer (XFA forms can not be changed by Adobe Reader, because Adobe protects this technology). Once completed, these pdf forms are automatically processed (the xml content is retrieved and inserted into a database). Total estimated work: 1 man-month.

Vlad designed a prototype demonstrating the capability of a **tightly integration of native COBOL-business programs with Java services**. On the client side (AS400) the prototype uses ILE COBOL and C ILE Apache Axis2 web service stub. OLYMPIC Banking System native request data is compressed with zlib and transmitted in base64Binary encoding (compressing makes the transmission of COBOL buffers very efficient). On the server side, a state-full JAX-WS Java web service (jetty + Apache CXF implementation) uncompresses data, handles with session details and dynamically invokes the Java service. The Java service has full access to COBOL copybook members thanks to an automatically-generated Java class API. For this propose, Vlad developed a JavaCC generator which translates complex COBOL copybooks structures into Java classes. The generator features a small COBOL preprocessor for "COPY" statements and also manages COBOL 88 levels translated into equivalent Java enums. The generated classes are working with an internal byte array (not based on Java String), allowing the API to be fast and providing internationalization support. Total estimated prototype work: 2 man-month.

Vlad also manages and develops a large scale project for automating and integrating the process of software development, software versioning, software testing, and software delivery & distribution, named "**ERISVN**". The past development and change management process has been inspected and reviewed in its totality. The new solution applies the concept of Straight-through Processing (STP) to the domain of software production. The newest technologies and tools are used e.g.: development on customized Eclipse (custom Eclipse Plug-ins) named **"OLY-IDE"**, Subversion customization by Python hooks, source code validator & compilers, binaries and XML propagators, automated distributed installation daemons (acting on Paris, Geneva and Luxemburg sites). This project which is a success is in production with the current version (trunk and A21) of OLYMPIC Banking System and is also being extended to other versions soon. During this project Vlad has installed and configured the SVN (and CVS) Linux machine from scratch. Total estimated project work: 3 man-year.

In the concern of security enhancement of "ERISVN", Vlad developed a **security network traffic analyzer for Linux**; the tool made with the GNU C Compiler, collects statistics of source code download volumes by network subnets, individual IPs and applicative user names, at various intervals. Based on BandwidthD's, libpcap (low-level network monitoring) the analyzer helps identifying any suspicious accesses to the strategic source code of OLYMPIC Banking System. Total estimated project work: 2 man-weeks.

Vlad (cont.)

Vlad designed a proof-of-concept which demonstrates the calculation of a **GARCH-type VaR for portfolios returns**, using Matlab. From the investor's point of view, an adequate VaR model should indicate how the positions of the hedge fund portfolio should be sized for the best protection against downside risk. GARCH-type VaR is a superior measure of downside risk, especially for trading strategies that exhibit negative skewness and excess kurtosis and offer daily pricing. This work has also been supplemented by Monte Carlo simulations of GARCH models and demonstrations of Stock Returns Prediction using real-time data feed provided by Google Finance. Total estimated project work: 30 days-months.

Vlad developed a prototype of **OLY-ESB**, an Enterprise Service Bus based on Java Business Integration technology. OLY-ESB will allow an easy integration of e-Banking Web Services to create loosely coupled enterprise class composite business applications. Total estimated project work: 2 man-month.

Vlad worked with client bank as architect and senior developer for **OLY-SCAN** (OLYMPIC database monitoring service). OLY-SCAN automatically collects database volume information, produces statistics and predicts saturation dates using regression analysis techniques, alerts database administrator and plots/sends predictions charts using JFreeChart and Java Mail. The technologies used where Jama, Jamlab (Java Matlab implementation), JFreeChart, DB2 for i5OS, JDBC, iText and Java Mail. Total project work: 2 man-month.

Vlad worked with the bank, as architect/developer, developing **OLY-FTP Proxy server**. OLY-FTP Proxy is a RFC 959 compliant proxy server acting as a FTP secure relay, doing access control, filtering through stateful packet inspection techniques and negotiating authentication with bank's firewalls. OLY-FTP Proxy supports many different authentication schemes. Typically, OLY-FTP Proxy is deployed between OYLMPIC TkLink FTP client and the Telekurs FTP server. The technologies used where: Java, HTTP security, FTP security, RFC 959. Total project work: 2 man-month.

Developed (and participated in architecture of) **OLYMPIC NexT architecture**, designing and implementing key components of the new OLYMPIC Next architecture. One example of major realization was the OLYMPIC Condition Handler. This service program intercepts and manages all system errors. Vlad designed and developed from scratch a C/COBOL service program doing ILE condition handling, automatic errors logging and tracing, and automatic reply to web application. All OYLMPIC entry points program have been linked with this handler. The

technologies used where: Java, Ajax, Struts, XML, System i (AS/400), i5/OS Java Toolbox, ILE C, ILE COBOL, XML, JDBC. Total project work: 6 man-month.

Architecture and development of **OLY-ORS** (OLYMPIC Reporting System) spool file reader and PDF converter module. This module allows the bank to manage OLYMPIC spool files and to read spool files directly through Adobe PDF Acrobat Reader. Total project work: 1 man-week.

Architecture and development of **OLY-CRS** (OLYMPIC Client Reporting System). OLY-CRS is a data extraction system designed using ODS (see later). The extractions rules have been originally used by the bank through ODP legacy product. The project consisted to migrate all exaction rules and simplify the whole extraction process using the new product, ODS. The technologies used where: System i (AS/400), ILE C, ILE COBOL. Total project work: 1 man-month.

Architecture and development of **ODS PF platform**, an ODS implementation on full Physical files (no MQSeries). This product where dedicated to banks that don't want to buy MQSeries. MQSeries asynchronous MOM was completely replaced by DB2 physical/logical files. The technologies used where: Java, System i (AS/400), i5/OS Java Toolbox, ILE C and ILE SQLC, ILE COBOL, XML, JDBC. Total project work: 10 man-month.

Worked with client bank, as architect/developer, developing **OLY-Web Services**, the Web services provider for OLYMPIC. The technologies used where: Java XML, SOAP, Axis 1.4.Total project work: 3 man-months

Worked as architect/developer, developing **j-ODS**, an XML and Java based extraction platform for OLYMPIC. j-ODS uses Record Format Markup Language (RFML), who is an XML extension for specifying record formats. This is a specialized product for OLYMPIC Banking System (runs on DB/2 on System i). Technologies used where: Java, i5/OS Java Toolbox, System i (AS/400), JDBC. Total project work: 3 man-months.

Vlad worked for client banks as consultant & specialist, investigating non-common and blocking problems like: performance problems, people coordination problems, installation problems, bugs difficult to reproduce, and sometimes pre-sales engineering issues. Vlad developed some techniques to allow for field performance investigations, advanced tracing and tracking techniques for bugs difficult to reproduce (production mode). In addition, Vlad taught various internal courses among: "Designing OLYMPIC Next Infrastructure" and "Installing OLYMPIC Next on WAS Express on System i". Vlad had many other roles and responsibilities like system administrator of test i5/OS machines, technology survey, research, etc.

Vlad (cont.)

[2004 to 2005] ITSS, Geneva   ASSOCIATE DIRECTOR & CONSULTANT

Enhanced/developed the **OLYMPIC interface for kd prevent** at IDBS, for an ITSS partner. Total project work: 2 weeks.

Developed **NaviTrack,** a prototype/proof-of-concept telematics application in the mobile telecoms and navigation field. **NaviTrack** is a GPS remote tracking system on Web. The technologies used where: Java, J2ME CLDC, NMEA 0183, M2M (telematics), PHP. Total project work: 3 man-months.

Developed a **Message Driven Bus Design & Implementation** for an ITSS client. The technologies used where: Java, EJB, MDB, JMS, WSAD, WAS. Total project work: 3 man-months.

Developed retro-**analysis legacy COBOL application** for an ITSS client. The technologies used where: System i (AS/400), ILE COBOL, OPM COBOL. Total project work: 3 man-months.

Developed **xFormatter**, XML based extraction platform for System i (AS/400). xFormatter uses Record Format Markup Language (RFML), who is an XML extension for specifying record formats. This is a general purpose product for DB/2 on System i. The technologies used where: Java, i5/OS Java Toolbox, System i (AS/400), JDBC. Total project work: 3 man-months.

Developed **Business Messenger**. Business Messenger uses Email or SMS to send business alerts. Using the Builder the user defines conditions and generates then the associated system triggers (ILE C). A trigger generates then business messages which are sent as SMS or Email. The technologies used where: Java, JMS, WebSphere MQ (MQSeries), J2ME CLDC, ILE C, i5/OS Java Toolbox, DB2 for System i (AS/400). Total project work: 3 man-months.

[1999 to 2004] ERI BANCAIRE, Geneva   SOFTWARE DEV. ENG, ODS TEAM LEADER

Wrote the internal brochure "COBOL ILE on System i", taught for many internal courses among: "COBOL ILE", "Debugging COBOL ILE", "Basic COBOL Programming", "Advanced SQL C Programming", "Java Toolbox for System i (AS/400) Programming", running "Java on System i", "Advanced Win32", developing and evangelizing COBOL programmers to new ILE and Java/ XML technologies and presenting them to management and colleagues with a view to applying them to projects. Vlad worked also occasionally in banks as consultant & specialist, investigating non-common and blocking problems like: performance problems, people coordination problems,

installation problems, bugs difficult to reproduce. Vlad had many other roles and responsibilities like system administrator of test i5/OS machines, MS Source Safe administrator, etc.

Architecture and development of **OLY-TkLink**, Telekurs interface for OLYMPIC Banking System. The technologies used where: ILE C, FTP scripting, System i (AS/400). Total project work: 3 man-months.

Architecture and development of **ODS-Agent**, an OLYMPIC MQ general loader using IBM WebSphere MQ (MQSeries). The technologies used where: IBM WebSphere MQ (MQSeries), ILE C, ILE COBOL. Total project work: 3 man-months.

Architecture and development of **ODS Real-time on MQ**, the real time derivative of ODS, based on the definition of business events inside the OLYMPIC Database. The technologies used where: System i (AS/400), ILE C, IBM WebSphere MQ (MQSeries). Total project work: 6 man-months.

Architected and development of **OLYMPIC Data Stream platform (ODS)**. ODS is an extraction and transformation platform widely used as data provider for OLYMPIC modules but also for external BI applications, OLYMPIC Data Stream platform has a main tool named "ODS Builder". The builder generates COBOL extraction programs, from XML parametric files. Responsibilities included: system design and technical architecture, project planning and development team resource management; business requirements analysis; coaching and assisting team members; liaising with customers, project managers, graphic designers and test teams; authoring project plans, requirements, specifications, test plans and other technical documentation; researching. The technologies used where: Java, Java Applets, IBM WebSphere MQ (MQSeries), System i (AS/400), i5/OS Java Toolbox, ILE C, ILE COBOL, JRun application server, XML, JDBC. Total project work: 12 man-years.

Developed **Java interface for Crystal Reports**. Crystal Reports had only C++ interface, therefore I developed a C++ DCOM server providing RMI interface to Java clients. The technologies used where using DCOM, ATL, J-Integra, Java. Total project work: 1 man-month.

Developed OLY-BIC. **Importation of Bank Identifier Codes in OLYMPIC**. The technologies used where Visual Basic, System i (AS/400). Total project work: 1 man-week.

Developed **OLYMPIC Data Provider** (ODP). ODP is a Visual C++ extraction and transformation platform based on ODBC. Later ODP has been superseded by ODS. The technologies used where: Visual C++, MFC, ODBC. Total project work: 6 man-months.

Developed **OYLMPIC Datamart Integrity Checker**. OYLMPIC Datamart Integrity Checker is a DCOM server doing database integrity checking. The multithreaded server in controlled remotely by application clients. The technologies used where: Visual C++, DCOM, ATL, MFC, ODBC.Total project work: 3 man-months.

[1997 to 1999] FINTEL, Geneva   SOFTWARE DEV. ENGINEER

Developed **Fintrade Trading Modules**. Fintrade enables the management and tracking of physical and future contracts. It allows the matching of sales and purchases and related futures. The technologies used where: Visual C++, MFC, ODBC. Total project work: 5 man-months.

Developed the **Finaccount Balance Transfer Module**, doing evolving maintenance regulation maintenance, customer support, on-site installation etc. The technologies used where: Visual C++, MFC, ODBC. Total project work: 14 man-months

[1997 to 1997] INFOTEC, Geneva   SOFTWARE DEV. ENGINEER

Developed **Historical Price Server**, a server TCP/IP Socket server, who captures price data, allows user to build charts of their prices and applying a wide range of technical embedded analysis tools. The technologies used where Visual C++, MFC, TCP/IP Sockets. Total project work: 4 man-months.

[1997 to 1997] SCITEC RESEARCH, Lausanne   MECH. DEV. ENGINEER

Developed mechanical and electrical modules for laboratory automation. Integration of reduction gears, apparatus mountings, repairing, modification of voltage sources, mechanical integration, etc The technologies used where OrCAD and CAD Draw.

[1995 to 1997] ALCATEL-LUCENT, Geneva/Zurich   TEST ENGINEER

Testing & support around Alcatel S12 digital switches, using sophisticated telecommunication equipment. The technologies used where: ISDN, POTS, protocol analyzers and testers.

[1995]   EIG SCHOOL OF ENGINEERING, Geneva   STUDENT

Design and Implementation of a Sound Velocity Thermometer. The technologies used where: Texas Instruments DSP TMS320C50, OrCAD, Matlab. Total project work: 10 man-months.

LEISURES

During year 2000, Vlad recovered a refurbished UNIX (HP 9000 715) machine from the TU Muenchen, an old AS400 server and some PCs. Vlad installed the machines and tested various Java distributed programming techniques with his colleague and friend Georges H. Wuethrich†. Because the AS400 had some hardware outages, Vlad repaired the machine with an oscilloscope and a soldering iron, added new SCSI disks to the HP machine, configured the network, etc. Installing and configuring an AS400 and a UNIX machine from scratch proved to be a very useful educational experience. Now, 14 years after, the Android phone & tablet and his Raspberry Pi are a lot more powerful, funny, and occupy less space...

Next years, Vlad spent lot of time building and customizing light airplanes, doing the flight test by itself. Now Vlad sold this airplane and prefers taking much less risk, by fling on rented certified machines like Robin DR400 and Piper PA-28.

Vlad has a mechanics & electronics small workshop at home with quite good equipment including milling machine, hot air solder/unsolder, oscilloscope, hydraulic jacks & jack stands, etc. When he has time, he builds small projects, repairing and tuning Porsche cars.

Otherwise, Vlad freely designs web sites for friends (PHP or WordPress), repairs friend's computers, paragliding, sport cars driving, helicopter modeling, biking & skiing.

IBM

This certifies that

Vlad-Andrei Dorobantu

has completed the course

Integrating Using WebSphere Integration
Developer and Process Server BI111FR on
2008-01-25

and recognition thereof is
awarded this certificate.

Bill Kribbs, Vice President, IBM

A QUI DE DROIT

CERTIFICAT DE TRAVAIL

Nous soussignés, Information Technologies Solutions & Services S.A., certifions par la présente que

Monsieur Vlad-Andrei DOROBANTU
né le 8 décembre 1972

a travaillé au sein de notre établissement de 1er mars 2004 au 31 octobre 2004.

Monsieur Vlad-Andrei Dorobantu a été engagé en tant que **Directeur Nouvelles Technologies**. En tant que membre de la direction générale, Monsieur Vlad-Andrei Dorobantu a eu pour mission le développement de notre département Nouvelles Technologies et la promotion de nos produits auprès de nos clients.

Durant cette période les activités de Vlad-Andrei Dorobantu se sont avérées exceptionnellement intenses:

- analyse et le développement du système "Bus Applicatif J2EE" chez un de nos clients,
- développements sur l'application "jBLoader" en Visual C++,
- conception des scripts d'extractions de données pour Globus sur "jBLoader"
- interventions ponctuelles en cas de problèmes techniques chez nos clients,
- missions diverses pour nos partenaires,
- présentation de nos produits auprès de nos clients,
- management et recrutement du personnel,
- gestion des offres à la clientèle,
- conclusion des affaires, etc.

Monsieur Vlad-Andrei Dorobantu s'est acquitté de ses tâches à notre entière satisfaction, faisant preuve d'un dynamisme exceptionnel et d'un esprit vif et concret. Il nous plaît à révéler que Monsieur Dorobantu est un collaborateur, brillant, productif, pluridisciplinaire, possédant une grande faculté d'adaptation.

Consciencieux, dynamique et dévoué, Monsieur Dorobantu a une excellente maîtrise de la technique, ce qui fait de lui un des meilleurs experts en la matière. De contact agréable, Monsieur Dorobantu s'avère très efficace en clientèle.

Il nous quitte à sa demande libre de tout engagement, à l'exception toutefois du secret professionnel le plus absolu sur toutes les questions dont il a eu connaissance au cours de son activité et notamment sur les secrets d'affaires, la fabrication de logiciels informatiques, les concepts, méthodes et dossiers informatiques.

Nous regrettons sincèrement son départ et nous formulons nos meilleurs vœux de succès pour la suite de sa carrière professionnelle et ne pouvons que le recommander à ses futurs employeurs.

Information Technologies Solutions & Services S.A
Patrick JACCOUD

Fait à Genève, le 5 janvier 2005

ITSIS SA
33 RUE DES BAINS
1205 GENEVE SUISSE

0 5 JAN 2005

A QUI DE DROIT

CERTIFICAT DE TRAVAIL

Nous soussignés, ERI-Etudes et Réalisations en Informatique Bancaire S.A., certifions par la présente que

Monsieur Vlad-Andreï DOROBANTU
né le 8 décembre 1972

a travaillé au sein de notre établissement du 3 mai 1999 au 29 février 2004.

Monsieur Vlad-Andreï Dorobantu a été engagé en tant qu' Ingénieur de développement au sein de notre Service Nouvelles Technologies. Durant cette période, l'activité essentielle de Monsieur Dorobantu a consisté à piloter avec succès le projet O.D.S.

Dès le 1er février 2001, Monsieur Vlad-Andreï Dorobantu a été promu au poste de

Responsable du Groupe Olympic Data Stream (ODS)
Service Nouvelles Technologies
Département Fabrication

Dans le cadre de ses nouvelles activités, Monsieur Vlad-Andreï Dorobantu a eu pour mission d'encadrer le groupe d'analystes-programmeurs. Il a planifié les développements du groupe, les a attribués à son équipe et a contrôlé l'avancement et la qualité des projets. Cette responsabilité a également inclus la participation aux phases de conception dans toutes les étapes d'étude, le respect des échéances et la réalisation de la mise en production.

Monsieur Vlad-Andreï Dorobantu s'est acquitté de ses tâches à notre entière satisfaction, faisant preuve d'un esprit vif et concret. Il nous plaît à relever que Monsieur Dorobantu est un collaborateur consciencieux, dynamique, dévoué et qui travaille de manière indépendante. Monsieur Dorobantu possède une grande faculté d'adaptation et son aptitude à diriger son équipe a contribué à entretenir d'excellentes relations tant avec ses collègues qu'avec ses supérieurs.

Il nous quitte à sa demande, libre de tout engagement, à l'exception toutefois du secret professionnel le plus absolu sur toutes les questions dont il a eu connaissance au cours de son activité et notamment sur les secrets d'affaires, la fabrication des logiciels informatiques, les concepts, méthodes et dossiers informatiques.

Nous formulons nos meilleurs vœux de succès pour la suite de sa carrière professionnelle et ne pouvons que le recommander à ses futurs employeurs.

ERI BANCAIRE S.A.
M. ASSARAF

Fait à Genève, le 29 février 2004

ƏR1

+MCE Management Centre Europe

ERI Bancaire
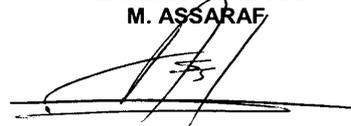
CERTIFICATE

We hereby confirm that

Mr Vlad-Andreï Dorobantu

has completed

Project Management Senior

held in

Geneve, Switzerland

From **10**th till **12**th **June 2002**

Vice - President

Liliane Van Cauwenbergh

Faculty

Eduardo casais

CERTIFICATE

We hereby confirm that

Vlad Dorobantu

has completed the

Coaching Skills Programme

held for

ERI Bancaire

in Geneva, Switzerland

From , October 29th to 31st 2001

Congratulations !

Coaching Systems

Bernard Radon

F I N T E L

FINTEL SA SOCIETE D'INFORMATIQUE POUR LA FINANCE ET LES TELECOMMUNICATIONS

CERTIFICAT DE TRAVAIL

Monsieur Vlad-Andrei DOROBANTU, a travaillé en qualité d'ingénieur en développement informatique au sein de notre société du 11 août 1997 au 30 avril 1999.

Durant cette période, son activité a consisté en :

- Programmation en Visual Basic sur Windows 95/NT.

- Programmation d'applications de gestion financière, de gestion commerciale et de télécommunication en Visual C++ sur Windows 95/NT utilisant, via ODBC, des bases de données de type Oracle/Rdb, Microsoft SQL Server et Oracle.

- Analyse de Projets.

- Support Clients.

Monsieur DOROBANTU s'est toujours acquitté de ses tâches à notre entière satisfaction. Autonome, sérieux et efficace, il fait preuve d'initiative et n'hésite pas à assumer de nouvelles responsabilités.

De contact agréable, il a toujours entretenu d'excellentes relations avec ses collègues et supérieurs hiérarchiques ainsi qu'avec notre clientèle.

Il nous quitte ce jour de son plein gré, libre de tout engagement envers notre Société, hormis celui du secret professionnel. Nous formulons nos meilleurs vœux quant à la suite de sa carrière et ne pouvons que le recommander à son futur employeur.

Chêne-Bourg, le 30 avril 1999

FINTEL S.A.
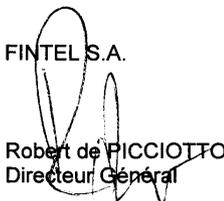
Robert de PICCIOTTO
Directeur Général

CERTIFICAT

Par la présente, nous attestons que Monsieur **Vlad Dorobantu** a été engagé par la société Infotec SA en tant que développeur logiciel du 17 février 1997 au 16 mai 1997. Moment auquel Monsieur Dorobantu a choisi de nous quitter.

Notre société développe des produits de distribution et de présentation de données financières basés sur des flux en temps-réel. Monsieur Dorobantu a développé un server permettant de distribuer nos données en mode broadcast. Il a eu le temps de se familiariser avec l'environnement de développpment Visual C++ 4.0.

Dans son travail, Monsieur Dorobantu a montré beaucoup de motivation et d'intérêt dans le domaine des nouvelles technologies sur lesquelles nous travaillons.

Monsieur Dorobantu est maintenant libre de tout engagement sauf ceux liés au respect des informations confidentielles et la non-utilisation des données et programmes informatiques qui sont propriétés d'Infotec SA.

Nous lui souhaitons plein succès pour la suite de sa carrière.

Roger Bosshard
Responsable du développement

R. Bosshard.

Genève, le 15 mai 1997

▼
A L C A T E L

TELECOM

CERTIFICAT

Nous attestons que

Monsieur Vlad-Andreï Dorobantu
né le 8 décembre 1972
de Vernier/GE

a travaillé dans notre entreprise du 1er décembre 1995 au 30 septembre 1996.

Dans le cadre de son activité au sein de l'équipe de test, Monsieur Dorobantu accomplissait avec le groupe de Genève des tests d'équipements analogiques et numériques au moyen d'appareils sophistiqués.

Monsieur Dorobantu s'est révélé être un collaborateur précis et a toujours exécuté à notre entière satisfaction les tâches qui lui ont été confiées.

Très courtois, il entretenait des rapports aimables avec ses supérieurs et ses collègues.

Monsieur Dorobantu quitte notre société de son plein gré, libre de tout engagement. Nous lui adressons nos meilleurs voeux pour son avenir professionnel.

Alcatel Suisse SA
Domaine Telecom

M. Mäder   K. Stadler

Zurich, le 30 septembre 1996

12-FV-01 A

ÉCOLE D'INGÉNIEURS DE GENÈVE

ÉCOLE TECHNIQUE SUPÉRIEURE

NOUS SOUSSIGNÉS ATTESTONS QUE LE

DIPLÔME

D'INGÉNIEUR E. T. S.
EN GÉNIE ÉLECTRIQUE

A ÉTÉ DÉCERNÉ À

Monsieur Vlad-Andreï DOROBANTU

QUI A PASSÉ AVEC SUCCÈS LES EXAMENS DE FIN D'ÉTUDES
PRÉVUS PAR LA LOI FÉDÉRALE SUR LA FORMATION PROFESSIONNELLE
ET LES RÈGLEMENTS DE DIPLÔME DE L'ÉCOLE

GENÈVE, LE   29 juin 1995

LE DOYEN :   *LE DIRECTEUR :*