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Computing Science & Electronics Engineer

Born the 22th may 1969
Nationality: Belgian
Status: married, one child
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Education:

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| 1987-1992: | Study of " ingénieur civil électricien " at the Catholic University of Louvain (UCL). Options: weak currents, achieved with "Grande Distinction" grade. Thesis: "Conception et réalisation d'un dispositif de conversion sonore d'une image vidéo pour un prototype de prothèse visuelle" |
| 1992-1994: | Study of " ingénieur civil en informatique " at the Catholic University of Louvain (UCL). Thesis: "Étude de faisabilité d'une architecture originale de processeur hautement parallèle, basée sur un matériel dynamiquement configurable." It's an original theoretical study on the direct and dynamic implementation of algorithms on hardware (FPGAs, ...) |

Experience:

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| 1994-1995: | In a dutch-speaking company, development of telebanking software. Leader of the development unit for security and telecommunications modules (client-server architecture). Developments of ANSI C, C++ code on DOS, OS/2, Windows, AIX Unix. |
| 1995-1997: | Various tasks in the AT&T group. <ul style="list-style-type: none">★ Developments in Pro-C and PL/SQL (Oracle) on Unix of large management applications for DG XXI (E.U.)★ Mission in UK for Rover Group. Recovery of a vehicle order and sales management project at world-wide level. Work in C on Vax/VMS and Oracle. Achievement of the interface with an IBM mainframe (MVS)★ Development, test and delivery environment management for AT&T Istel. Participation to the development, maintenance, test and delivery process of Taric II (E.U. D.G. XXI) project. Administration of the development infrastructure (Sun Solaris on Sparc and Intel, AIX on RS6000, NT on Intel, Linux on Intel).★ In charge of the purchase of hardware and software for AT&T Istel Belgium.★ Design of the AT&T Internet software development network in Brussels.★ Implementation of the AT&T web hosting centre in Brussels. Trainings <ul style="list-style-type: none">"System administration" by the <i>Sun Institute</i> (Brussels)."Network administration" by <i>Sun Institute</i> (Brussels).Internet/Intranet security training, by AT&T.Firewall by <i>Trusted Information Systems</i>Computers security tools by <i>Internet Security Systems</i> |
| 1997: | Collaboration to the creation of " <i>Alti International</i> " as Delegated Administrator. |
| 1998: | Various missions for the E.U. in Luxembourg for Alti Luxembourg (previously AT&T Luxembourg). Installation of the Oracle RDBMS on Solaris cluster at the accounting court (Kirchberg). |
| 1998-2001: | Various missions for SES-SESM group. <ul style="list-style-type: none">★ In charge of the Astra-net production IP network on satellite, including software platform and terrestrial contribution links.★ Achievement of the Astra-net Autonomous System.★ Technical coordinator of Astra bidirectional broadband project "BBI". Trainings <ul style="list-style-type: none">BGP-4, by CiscoLocal Internet Registry training by RIPE. |
| 2001-2003: | Technical Director of Intellicast S.A, responsible for design, achievement and management of production platforms in EMEA. Coordinator of technical aspects. Development for ESA, Alcatel Space and CNES of a multimedia broadcasting platform by satellite with direct delivery to mobile receivers (highly parallel, real-time and embedded coding). |
| 2003-2009: | Technical Director of Plan-Net s.a. Missions for Sun Microsystems (Luxembourg), European Investment Bank (Luxembourg), Raiffeisen Bank, CMCM, ... Creation of B2B services and products offer, based on free/OpenSource solutions. Management, planification and maintenance of the IT infrastructure of several tens of SME. |

Various:

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| Languages: | French (native language), Dutch (second language), English (fluent), German (passive). |
| Association memberships | Vice-chairman of the Internet Society of Luxembourg (http://isoc.lu) Vice-chairman of the Luxembourg free software association LiLux. (http://lilux.lu) OpenProfessionals founding-member (http://openprofessionals.lu) Administrator of Mensa Luxembourg Member of IEEE, ACM, Intertel, ALI, ALLv, ... |
| Driving license: | A et B (all cars and motorbikes). |
| Other skills: | Blind typing with 10 fingers on French layout keyboard. |
| Interests: | Theoretical computing science, telecommunications, security, open systems, Unix, Linux, free/OpenSource softwares. Other interests on http://bfrere.net/interets_eng.html . |
| Writings: | Several conferences around free software usability in professional environment, network security and strategic issues around technical monopolies. |