

## Objectives

- ⊕ **Integrate a software project development team.**
- ⊕ **Implementation, management and administration of a computer park.**
- ⊕ **Explore other fields.**

## Distinctive assets

*Precise, technical, rational,  
organized, creative, optimistic,  
team spirit, little dominating.*

## Computer skills

### Operating systems



Solaris Linux MSWindows

### Programming languages

Java(JNI, JAI, Java3D, Swing, J2EE) C/C++ ADA95 x86-Assembler Basic  
Bash DOS Perl tcl/tk

### Integrated development environments

Eclipse NetBeans SUNJavaStudio JBuilder KDevelop MSVisualC++  
BorlandC++ PoseidonUML Together

### Databases

MySQL postgresSQL JDBC

### Web languages, frameworks and tools

XML XSL HTML CSS PHP Javascript JSP Servlet Struts JUnit Ant CVS  
Spring Hibernate

### Security

Firewall(ipfwadm, ipchains, ipfilter) Squid-Proxy Cryptographie(PGP, GnuPG)  
MailScanner SpamAssassin Nmap sniffers

### Infography

OpenGL Java3D

### Servers

HTTP(apache) FTP(wu-ftp, pro-ftp) Mail(sendmail) SecureShell(openSSH)  
Samba NFS DNS Tomcat

## Languages



**French**

mother tongue



**English**

« based operational » TOEIC = 655 (feb. 2006)  
college level + preparation in First Certificate



**German**

college level

Work experience	<b>Trainee (ORP)</b> <i>since feb. 2006</i> <b>J2EE developer</b> : jsp, jstl, tiles, Struts, Spring, Hibernate, jdbc, xml/xsl. To strengthen the development team on current mandates, business applications. INFOPLUS, Centre Electronique de Gestion, Neuchâtel
	<b>Scientific collaborator</b> <i>oct. 2004 – dec. 2005</i> <b>Java developer</b> in the field of a Ra&D project NeoBrain. <b>Supervision of student's projects</b> Haute Ecole ARC Ingénierie, Le Locle
	<b>Trainee – Scientific collaborator</b> <i>apr. 2004 – oct. 2004</i> <b>Java developer</b> in the field of a Ra&D project NeoBrain, upstream studies. <b>Responsible for trainees (potential futur students)</b> Haute Ecole ARC Ingénierie, Le Locle
Qualifications	<b>HES Engineer Diploma in computer science specialization Software Engineering</b> <i>02 / 06 / 2004</i> Haute Ecole ARC Ingénierie, St-Imier
	<b>Bachelier ès sciences</b> <i>07 / 03 / 1996</i> College Blaise-Cendrars, La Chaux-de-Fonds
Education	<b>Haute Ecole ARC Ingénierie, St-Imier</b> <i>oct. 2001 – feb. 2004</i> Computer department <i>2 years and a half</i>
	<b>University of Neuchâtel</b> <i>oct. 2000 – oct. 2001</i> Computer department <i>1 year</i>
	<b>University of Neuchâtel</b> <i>oct. 1996 – oct. 2000</i> Chemistry department <i>4 years</i>
Personal achievements	<b>NeoBrain</b> <i>Ra&amp;D project Haute Ecole ARC</i> <b>Scientific collaborator</b> Development of a generic Java3D infographic engine and a swing graphical user interface allowing the visualization and the manipulation of the scenegraph structure. Undertaken studies : stereo3D visualization, Java system monitors, Java byte code into native code conversion, network transfers optimization using RMI and NIO Sockets. [CNRS,EPFL]
	<b>NeoBrain-Anatomique</b> <i>Diploma project HES 3<sup>rd</sup> year</i> <b>Student</b> Java software for acquisition, processing and visualization of MRI and MEG (medical scanners) cerebral data. This software allows a 4D visualization of a human brain : its anatomy (x,y,z) with its neuronal activity over the time (t). [CNRS,EPFL]
	<b>ICM-DeNoiser</b> <i>Semester project HES 2<sup>nd</sup> year</i> <b>Student</b> Java image processing software (statistical denoiser) featuring a 3D visualization. [EPFL]