Prénom NOM
Adresse
Adresse
adresse

Tél
mail
27 years old
Driver licence B
French

EMBEDDED SOFTWARE ENGINEER

Skills :
_ Low level embedded systems
_ C programming

WORK EXPERIENCE

Aug 2008 - today	Ausy – **embedded software consultant in avionics**: **Research and development on an embedded system** : _ adaptation of an operating system and an ethernet driver to a new multi-core microprocessor _ benchmark on the performances of a RAM, optimization of a memory copy function C and powerPC assembly language programming Environment : linux**, PikeOS,** PowerPC microprocessors
June 2008 – July 2008	Ausy France – **embedded software consultant in avionics**: evolutive maintenance on a fuel control software: integration, peer review, unit and validation tests Environment: unix, **DO 178 B level B standard**
Nov 2006 – May 2008	Artal Technologies – software engineer : Technical support on a software driving test benches on microwave frequency equipments : corrective and evolutive maintenance, technical support **C** and C++ programming - Environment : linux
Fev-June 2006	DaTechSys - Internship: **conception and development of an algorithm computing vehicles' speeds thanks to image processing** Sizing of CPU resources needed for a porting on a DSP board
2005	3-month internship at CESR (space research laboratory) in an **international team**: **feasability study of the digital electronics of a measurement instrument** : functional specification, C programming of telecommunication modules using **spacewire** (ESA's telecommunication protocol)

EDUCATION

2006	**ENSEEIHT : engineering course in electronics and Signal Processing.** Specialisation : Signal and Image Processing.
2003	Preparatory classes for entrance exams into national engineering schools (PCSI and PC*) in Lycée Cézanne (Aix-en-Provence)
2000	Baccalauréat S passed with distinction

COMPUTER SKILLS

Languages	**C, PowerPC assembly language,** C++, VHDL, Matlab
Software	Matlab, Octave-forge, CVS, Clearcase, Orcad Capture, Pspice, Layout
Embedded systems	PikeOS, powerPC targets

LANGUAGES

English	Fluent (825 points at TOEIC on June 2005)
German	Good working knowledge
Italian	Basic working knowledge

EXTRA CURRICULAR ACTIVITIES

Volunteer work	Former creator member of an association, HopN7, which gives computers to hospitals, to allow sick people use the Internet Former manager of the ENSEEIHT's Rock Club (organisation of dancing lessons and parties) Organisation of a classical music concert during ENSEEIHT's festival in 2005 Helped the organization of the IEEE's ICASSP congress (International Conference in Acoustic, Speech and Signal Processing) in 2006
Hobbies	Karate, swimming, singing, playing video and board games