

JÉRÉMIE CORBIER

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EMBEDDED SOFTWARE ENGINEER

PROFESSIONAL EXPERIENCE

Trusted Logic – R&D Engineer – Sophia-Antipolis, France 2009
Miscellaneous development and integration activities

Trusted Logic – Embedded Software Engineering Intern – Sophia-Antipolis, France 2009
Development and integration of a Trusted Computing solution

- Involved in the TECOM 7th Framework European project.
- Developed a prototype of a software Mobile Trusted Module.
- Provided project partners with an implementation report of the prototype.

Texas Instruments – System Architecture Intern – San Diego, CA 2006-2007
Systems Firmware/Software Optimization for UMTS handset product

- Took care of memory interfaces configuration checks on an OMAP platform.
 - Involved in UMTS modem software optimization.
 - Developed a series of tools to improve visibility on how the system behaves in terms of CPU and memory usage.
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COMPETENCES

- C, C++ and ARM assembly/Thumb programming.
 - Shell, Perl and Python scripting.
 - Linux (kernel and userland) development.
 - Very good knowledge of several source control management systems (ClearCase, Subversion, Git, Bazaar, ...).
 - Excellent debugging skills (including usage of GNU gdb or Lauterbach Trace32 and ETM).
 - TCP/IP protocol stacks.
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EDUCATIONAL BACKGROUND

ENST Bretagne – Master of Electronics and Computer Science – Brest, France 2004-2006 and 2008-2009

Concentration: computer science and embedded software development.

French engineering school. Majored in computer science, mathematics and networking. Followed physics and economy classes.

School projects:

- Developed a compiler and a simulator for a RISC processor (September 2005 to February 2006).
- Developed an embedded Linux solution on an ARM-based SoC (February 2006 to July 2006).
- Developed a multimedia receiver and video player for a Linux-powered set-top box (October 2007 to March 2008).

French Scientific Baccalauréat with A grades (equivalent to a High School Diploma) – Béziers, France 2002

OTHER ACTIVITIES

Ulteo Developer 2007
Ubuntu GNU/Linux and OpenOffice.org integration and maintenance in the Ulteo remote desktop environment

Ubuntu GNU/Linux Developer 2006-2008
Software development, integration and maintenance

ResEl – Network Administrator – President – Brest, France 2004-2006

- Students' network association: provides a full-featured network to up to 500 students.
- Led a 10 administrators team for a year from May 2005 to May 2006.
- Deployed a fully functional IPv6 network and a Television over IP service.

Debian GNU/Linux Software Package Maintainer 2005-present
Software packaging, integration and maintenance

SPORTS, ASSOCIATIVE AND LEISURE ACTIVITIES

Texas Instruments Corporate Soccer Team – San Diego, CA 2006-2007

- Won North Clairemont Men's Summer Soccer League.
- North Clairemont Men's Fall and Spring Soccer League finalist.

ENST Bretagne Soccer Team – Brest, France 2004-2006

- Brittany Universities Championship finalist in 2005.
- Centrale Lyon Soccer Tournament semi-finalist in 2004.

ENST Bretagne students' association – Brest, France 2004-2006

- Involved in major events as a waiter.
- Students' events lighting technician.

Lighting technician in several local shows – Montpellier, France 1998-2002

Miscellaneous activities – Béziers, France 1995-2004

- Soccer, tennis, kart racing.
- Chess tournaments.

REFERENCES¹

- Alain Vallauri: System Architect at Intel.
- Armelle Laine: IPA Systems Engineer at Qualcomm.
- Farock Zand: Systems Engineering at Broadcom.
- Philippe Dubois: Business Unit Director at Trusted Logic.

¹ Contact information available upon request.