


**Jimmy BERNARD**

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27 ans

# Support Engineer

## *Embedded Systems & Digital Television*

### Objectives

Apply my knowledge as a skilled Support Engineer, improve and share my professional experience.

### Professional Experience

Since March 2009: [Neotion](#) - Aubagne - 13400 - France  
Support & Application Engineer

⇒ Neotion is a company based on the Digital Television world. Neotion is proposing to operators innovating solutions in alternative of classical Set Top Boxes. Such solutions are called Control Access Modules.

⇒ In charge of the Technical Interface for main Neotion's foreign customers (Europe-Russia-Middle East)

⇒ In charge of technical follow-up for world's main TV Makers (Asia, Europe)

⇒ Several Business Trip in Headquarters of Customers & Partners

⇒ Investigation of problems reported from the field or Partners.

⇒ Define new Customers needs and write Specifications

⇒ Performing Test Fields for Several new products deployment

*Key Words: Expertise in DVB-CI and CI+, CAS (Irdeto, Viaccess, Conax, DRE), CAM, ARM, C, Ecos, CI, CI+, MPEG4*

From March to September 2008: [Texas Instruments](#) - Villeneuve Loubet - 06270 - France

⇒ Implementation and optimization of an **H.264** decoder with an **ARM11**

*Key Words: C, assembly, ARM, H.264, OMAP 2430*

Summer 2007: [I3S](#) - Sophia Antipolis - 06903 - France

⇒ Study of a **H.264 code** paralyzed on an **ARM11 MPCORE**

Juillet 2006: **Relief Work** – [Savoir-Togo](#)

⇒ School Assistance for children in a small town of Togo

Avril mai juin 2005 - [Afflelou](#) - Mr. FRAISSE - 42000 Saint Etienne

⇒ Implementation of a schedule management software for 50 employees

### Skills

French: Fluent (native language)

English: Proficient

Japanese: Basic

**Software:** Eclipse, Visual Studio, RealView...

**Programming Languages:** C, C++, VHDL, Assembly, JAVA, J2ME

**Operating Systems:** Windows, UNIX (Linux)

**Analysis Methods:** UML, Merise

### Education

2005 - 2008: **Graduate Engineering School in Computer Science**

Specialty **STREAM** (Embedded Real Time System and Mobile Applications)

Polytechnic's School of Nice Sophia-Antipolis 06410 SOPHIA ANTIPOLIS

2003 - 2005: **Obtained a two year degree in Computer Science – Embedded Systems**

IUT Pierre Mendès France 26000 VALENCE

### Personal

Piano, Via-Ferrata, Hiking, Travelling, Computer Science, Astronomy

Clean Driver's License