

## Vincent Oberlé

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Born in Strasbourg, France, on 27th May 1977 (age 27)  
French nationality  
Married  
Driving license  
Blog: [www.oberle.org](http://www.oberle.org)

### CURRENT EMPLOYMENT

#### 2001 – Present      Texas Instruments, Wireless Terminals Business Unit

*Oct. 2003 – Present*      *TI Wireless R&D Center in Villeneuve-Loubet, France*

##### **System Architect**

- Definition of next generation Linux-based EDGE reference design (real-time, multimedia, applications)
- Definition of application strategy
- Frequent customer visits

*Apr. – Sep. 2003*      *TI Wireless R&D Center in Villeneuve-Loubet, France*

##### **Software Engineer**

- Integration of Obigo WAP/EMS/MMS application suite on TI reference design
- Drove the evaluation of third party applications

*Oct. 2002 – Mar. 2003*      *TI Wireless Support Center in Shanghai, China*

##### **Field Application Engineer**

- Support of Asian customers in using TI 2.5G reference design software
- Organized trainings, participated in customer phone SW design and debugging

*Apr. – Sep. 2002*      *TI Wireless Marketing department in San Diego, USA*

##### **Product Marketing Engineer**

- Participated in definition of the Product Requirement Document for next generation TI chipsets

*Oct. 2001 – Mar. 2002*      *TI Support Center in Lund, Sweden*

##### **Field Application Engineer**

- Supported customers on OMAP and 2.5G chipsets solutions
- Became a key member of the TI Application Suite initiative

### EDUCATION

1996 – 2001

#### **ESIEE Paris**

5-year Engineer school in Computer Science and Electronic Engineering

- Participation at the European exchange program Tripartite (2 years)

2000 – 2001

*University Pontificia Comillas of Madrid*

*Spain*

#### **Final project in Computer Science**

1999 – 2000

*University of Karlsruhe*

*Germany*

#### **Specialization in Computer Science and Networks**

1996 – 1999

*ESIEE Paris*

*France*

#### **Three-year common-core syllabus in Electronics and Computer Science**

- Class rank: third of 80 students, academic year ending July 1999

1995 – 1996

*Lycée Kléber*

*Strasbourg, France*

One-year advanced course in theoretical mathematics and physics

1995

*Lycée Leclerc*

*Saverne, France*

Baccalauréat S with distinction (secondary level diploma with emphasis in Physics and Mathematics)

### TECHNICAL

Experience with wireless and embedded development constraints

Knowledge of the open-source software and community

Languages: C, C++, Java (J2ME, J2EE), Perl, Python

Operating Systems: Linux (2.x kernels, embedded, Gentoo), Windows

HW architectures: TI ARM7 and ARM9 (OMAP) wireless reference designs

Web development: HTML, CSS, Javascript, PHP

Others: POSIX threads, sockets, TCP/IP, CAN, routing protocols

### LANGUAGES

French: Native tongue

English: Fluent

2 years abroad in English-speaking environment

German: Fluent

1 year in Germany

Spanish: Written and spoken

1 year in Spain

## EXPERIENCE

- Oct. 2000 – June 2001 *University Pontificia Comillas of Madrid* *Spain*  
**Final year project**
  - Conception and simulation of a protocol for the spreading of price information over the Internet  
[www.oberle.org/bpp.html](http://www.oberle.org/bpp.html)
- Jan. – July 2000 *Institute of Telematics of the University of Karlsruhe* *Germany*  
**Assistant of research projects**
  - Creation and maintenance of the APIC Timer Module for the Linux kernel  
[www.oberle.org/apic\\_timer.html](http://www.oberle.org/apic_timer.html)
  - Development in C of a multicast multithreaded server
- Apr. – Aug. 1999 *Océ Technologies* *Venlo, The Netherlands*  
**Internship**
  - Extension of the backchannel communication of Océ 3165 printers for the next generation of application software using COM components
  - UML design, development on Windows (Visual C++) and in Java, use of COM and JNI
- Dec. 1998 – Mar. 1999 *ESIEE, Computer Science Department* *Paris, France*  
**Internal project**
  - Development of a CAN network with various nodes (PowerPC 403, PC board, stand-alone nodes)
  - Design and implementation of a CAN controller management Java API in a thread-safe conception  
[www.oberle.org/can-index.html](http://www.oberle.org/can-index.html)
- July – Aug. 1998 *France Cybermedia* *Paris, France*  
**Java developer**
  - Development in Java of an Internet product in an object-oriented design
  - Work on Java client software
- July 1997 *Rieter Automatik* *Grossostheim, Germany*  
**Blue collar internship**
  - Operating machinery in a factory
- 1996 – 1998 *G3E (ESIEE Junior Enterprise)* *Paris, France*  
**Club President in 1997 – 1998**
  - Student association undertaking technical projects for industrial companies in order to gain relevant work experience. Annual turnover: US\$100,000.
  - Responsible for 60 members, project management, contract negotiations and quality management
  - Past responsibilities included development of the communication department, manager of technical projects

## PUBLICATIONS

BPP: A Protocol for Exchanging Pricing Information between Autonomous Systems  
Oberle, V., Ritter, H., Wehrle, K.  
IEEE Proceedings of HPSR 2001 (Workshop on High-Performance Switching and Routing), Dallas, USA, 29.-31. May 2001.  
[www.oberle.org/HPSR-2001-orw.pdf](http://www.oberle.org/HPSR-2001-orw.pdf)

## OTHERS

Table tennis (competition), cycling  
Oenology  
Blogging