

**Jérôme Béchu**

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🌐 <http://jerome.bechu.org>✉ [bechu.jerome@gmail.com](mailto:bechu.jerome@gmail.com)**SOFTWARE ENGINEER****Experiences**

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Oct 2008–Jul 2012

**Expert Engineer***FLOWERS team, INRIA, BORDEAUX*

Elaboration of software programming infrastructures, tools and practices to be used with in the FLOWERS team. Implementation of various multimodal perceptual and motor control processing. Setup various robotic experimentations : conceived and implemented the Flowers Fields experience, implemented some part of Acroban and ErgoRobot robots.

Feb 2008-Aug 2008

**Artificial intelligence Internship***MAIA team, LORIA, NANCY*

Implemented a machine learning algorithm (reinforcement learning) on a mobile robot (WIFIBOT).

Feb 2007-Jul 2007

**Network simulation algorithm implementation internship***Network research laboratory, UQAM, MONREAL*

Implemented signalisation mechanism for optical networks in a simulator sandbox (Optical Burst Switching algorithm).

Jul 2001-Oct 2005

**Developer on Smart Safe Deposit System***FICHET-BAUCHE, GUNNEBO GROUP, REIMS*

Implemented software on various platforms for safety deposit boxes and smart safe deposits.

**Education**

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2008 Bachelor degree : Project Management/Computer science, eXia, France

2001 Associate computer science degree : Software development/Database design

**Skills**

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Computer languages

Expert : C++/C/URBI/Python

Intermediate : Java/PHP/HTML/JS/CSS/Shell

Software science

Design pattern, VCS, Merise, UML

Embeded

Linux (arm), ATMEL, Android

**Languages**

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French

Native language

English

Worked with anglophones people.