

# BRICE ARNOULD

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## OBJECTIVE

Getting to the contact of the enterprises so as to get a better view of what is happening. My mid-term goal is to **pick out an innovative company** in which to pursue my career.

## SHORT PRESENTATION

Student in Computer Science already having worked abroad and experience in the fields of low-level programming, system architecture and cloud computing.

- **Teaching experience** as a tutor for Computer Science students in a French university
- Participated in many open-source projects
- **Native French speaker**
- Languages of predilection: C, C++ and Java 6
- Knowledge of applied computer security

## WORK EXPERIENCE

**Google**, Dublin, Ireland May-September 2010

### Intern in the Site Reliability Engineering team

- Needs analysis and conception of a monitoring solution for distributed systems
- Implementations and tests of the softwares in C++, Javascript and Python
- Deployment of this solution

**Adeneo**, Écully, Lyon, France July 2009

### Software validation

- Code validation with regard to strict norms for military aviation

**Portland State University**, Portland, Oregon, USA September-November 2008

### Position

- Deployment of CISCO routers and other elements of the infrastructure
- Diagnostic of incidents

**Lyon 1 University**, Lyon, France 2007-2008

### Position

- Helped undergraduates having difficulties with their studies
- Gave supplemental classes on academic subjects

## EDUCATION

**Master of science ("Grande École")**, INSA, Lyon, France 2009-2011

- **Supervision of teams** of 6 students realizing scholar projects of up to 6 weeks.
- Formation's domains: Software development, Mathematic models, Networks, IT Architecture
- **Member of a team ranked third** in 2010 Sigmod Programming Contest of a Distributed Query Engine

**Bachelor of science in computer science ("Maîtrise")**, UCBL, Lyon, France 2005-2008

- Nine months academic exchange with Portland State University, Oregon, USA
- **Undergraduate minor in Mathematics**
- Cisco Certification, Networking Associate level 2

## COMPUTER SKILLS

Programming C, C++, Java, HTML/Javascript, Prolog, Python, SQL, Scheme

System Linux-based OSes customization, Administration of common services (Apache, Postfix, Lighttpd...), **Low level Linux programming**

Culture Algorithmic, Applied computer security, **Distributed and concurrent programming**

## LANGUAGES

**English:** Fluent

**French:** Native language

**Spanish:** A2 level of the Common European Framework of Reference for Languages.

## MISCELLANEOUS

Member of an associative boarding game library ; Realization of a defragment software for Unix Systems ; **Strong taste for international mobility**