

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

Freshly graduated engineer 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 diverse open-source projects
- Native French speaker
- Languages of predilection: C, C++ and Java 6

WORK EXPERIENCE

GANDI.NET, Paris, France.....December 2010-July 2011

INTERN IN THE HOSTING TEAM

R&D on a to-be-announced cloud computing product

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

ÉCOLE NORMALE SUPÉRIEURE, Lyon, France.....April-July 2008

INTERNSHIP "IMPROVING A DISTRIBUTED COMPUTING MIDDLEWARE"

- Created and tested a system of pluggable schedulers for Hadoop
- Worked on INRIA's research projects

LYON 1 UNIVERSITY, Lyon, France.....2007-2008

TUTOR FOR COMPUTER SCIENCE STUDENTS

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

EDUCATION

MASTER OF SCIENCE ("GRANDE ÉCOLE"), INSA, Lyon, France..... 2009-2011 (Expected)

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

BACHELOR OF SCIENCE IN COMPUTER SCIENCE ("MAÎTRISE"), UCBL, Lyon, France.....2005-2009

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

COMPUTER SKILLS

LANGUAGES	C, C++, Java, HTML/Javascript, Python, ...
SYSTEM	Linux-based OSes customization and creation , Administration of common services (Apache, ...), Posix and Linux APIs
BEST PRACTICES	Intelligibility, Reliability, Scalibility, Testability, ...
CULTURE	Applied computer security, Discrete Mathematics, Distributed and concurrent programming, Functional and logic programing languages, Internet Protocols

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