

Guillaume Burel

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EDUCATION

INSA DE LYON

MENG IN COMPUTER SCIENCE
Grad. Sep 2014 | Lyon, France
Telecommunications Department

SJTU

EXCHANGE STUDENT
Feb 2014 – Aug 2014 | Shanghai, PRC
School of Electrical Information and
Electronic Engineering

IUT OF LYON

DUT IN COMPUTER SCIENCE
Grad. June 2011 | Lyon, France
Computer Science Department

LINKS

Github:// [Yimgo](#)
LinkedIn:// [yimgo](#)

COURSEWORK

GRADUATE

Middlewares
Embedded systems
Signal processing
Advanced graph theory
Image and audio processing
Wireless communications
Mobile networks architecture

UNDERGRADUATE

Computer architecture
Operating systems
Networks programming
System programming
Advanced algorithmics and data
structures
Graph theory
Networks architecture

SKILLS

PROGRAMMING

C • C++ • Java • Shell • JavaScript •
PHP • Matlab • Assembly • SQL

LANGUAGES

FRENCH

Mother tongue

ENGLISH

Advanced (TOEIC: 915/990)

GERMAN

Intermediate (B2 level)

EXPERIENCE

STORMSHIELD SOFTWARE ENGINEER

since Sep 2014 | Lyon, France
Involved in the development of a centralized administration service for
Stormshield network appliances.

INTEL | SOFTWARE ENGINEER

June 2013 – Dec 2013 | Munich, Germany

Conception and development of an Intel Puma 6 home gateway demonstration
shown at IBC 2013, Amsterdam and CES 2014, Las Vegas.
(JavaScript, Backbone.js, HTML5, Linux)

- Development of the front-end web application
- Configuration, administration and maintenance of the Linux-based
embedded platform

UNIVERSITY OF LYON | SOFTWARE ENGINEER ASSISTANT

June 2012 – Sep 2012 | Lyon, France

Adaptation and integration of Open-Sankoré, an open-source interactive
whiteboard software for education with the University's infrastructure.
(C++, Qt, HTML5)

- Implementation of document synchronization with Spiral, a learning
management system developed by the university
- Development of several educational plugins

VOLVO IT | SOFTWARE DEVELOPER

Mar 2011 – June 2011 | Vénissieux, France

Monitoring application conception, development and integration.
(PHP, Java, Oracle RDBMS)

RESEARCH

SHANGHAI JIAO TONG UNIVERSITY | RESEARCH FELLOW

Apr 2014 – Aug 2014 | Shanghai, PRC

End-of-studies research project on dynamic parallelization of JVM-based
applications.

- Java and JVM internals
- Concurrency
- ASM

PROJECTS

PIE | BACK-END ARCHITECT

2013 | <http://github.com/PieEditor/PIE>
a collaborative workshop for document writing

- Node.js + CouchDB
- RESTful API

MSGR | BACK-END ARCHITECT

2012 | <http://code.google.com/p/msgr>
a simple news feed aggregator

- PHP-based API
- MySQL, stored procedures and triggers

JACTOR | TECHNICAL LEAD

2012 | <http://code.google.com/p/jactor>

a lightweight (yet stupid) implementation of the Actor-oriented paradigm in Java

- Reflection
- Multi-threading