

Guillaume Burel

Engineering student in Computer Science

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22 years old

Education

- 2011–2014 **Engineering Student**, *INSA de Lyon, Telecommunications department*, Villeurbanne, France.
Master's Degree in computer science, networks and telecommunications.
- 2014 **Exchange Student**, *Jiao Tong University, School of Electrical Information and Electronic Engineering*, Shanghai, PRC.
- 2011 **DUT**, *IUT of Lyon, Computer Science department*, Villeurbanne, France.
Two-year university degree in computer science.

Experience

Vocational

- 2013 **Software Engineer**, *Intel GmbH*, Munich, Germany.
Conception and development of an Intel Puma 6 home gateway demonstration for IBC 2013.
- Features:
- TV playback in the browser from DVB-S signal
 - EPG data integration
 - Laptop, Tablet, TV and Phone support
 - Push & pull content across different devices
- 2012 **Software Engineer Assistant**, *University of Lyon 1*, Villeurbanne, France.
Adaptation and integration of Open-Sankoré, an open-source software for education, with the University's infrastructure.
- Achievements:
- Developed plug-ins:
 - Open Street Map
 - Unity 3D
 - Implemented document synchronization with Spiral, a learning management system developed by the university
 - Improved my knowledge of C++/Qt programming
- 2012 **Open-Sankoré contributor**, *Eduxia*, Lausanne, Switzerland.
Involvement in the development of this open-source interactive whiteboard software.

2011 **Software Developer**, *Volvo IT*, Vénissieux, France.
Monitoring application conception, development and integration.

Miscellaneous

2010–2011 **Crew member**, *McDonald's*, Saint-Priest, France.
Team work often under pressure, assumption of responsibilities, employee training, customer service.

2010–2011 **Tutor**, *IUT of Lyon 1, Computer Science department*, Villeurbanne, France.
Aid to first-year students in programming, algorithmic and mathematics.

Projects

2013 **PIE Intelligent Editor**.
PIE is a collaborative workshop for document writing.
<https://github.com/PieEditor/PIE>

Contributions:

- Node.js based RESTful API
- Persistent storage with the NoSQL engine CouchDB

2012 **jActor**.
jActor is a lightweight and easy-to-use library implementing the Actor-oriented paradigm in Java.
<https://code.google.com/p/jactor>

2012 **Networks and systems project**.
A P2P-based architecture client written in C.

2012 **Monsignor**.
Monsignor is a simple news aggregator.
<https://code.google.com/p/msgr>

Contributions:

- Database schema and stored procedures / triggers
- Database wrapper
- Back-end

Languages

French **Mothertongue**
English **Advanced**
German **Intermediate**

TOEIC: 915
B2 level

Interests

Sports Football, other collective sports
Audiovisual Cinema, TV shows, music
Misc Politics, card games