Guillaume Burel

Engineering student in Computer Science

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21 years old

Education

2011–2014 **Engineering Student**, *INSA de Lyon, Telecommunications department*, Villeurbanne, France.
Master's Degree in computer science, networks and telecommunications.

2011 **DUT**, *IUT of Lyon, Computer Science department*, Villeurbanne, France.
Two-year university degree in computer science.

2009 **Baccalauréat S**, *Lycée Condorcet*, Saint-Priest, France.
High school diploma in mathematics, physics, chemistry and engineering science, with honors.

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.	

Skills

Computing

Programming	C, C++, Java	DB	SQL, PL/SQL, NoSQL
Scripts	POSIX Shell, PHP	Web	HTML5, JavaScript
OS	Linux, Windows	Misc	Git, Agile

Networks and Telecommunications

Signal processing	Fourier and wavelet transforms, DSP programming, Matlab	Networks	OSI model, TCP/IP, routing protocols, P2P

Languages

French	**Mothertongue**	
English	**Advanced**	*TOEIC: 915*
German	**Intermediate**	*B2 level*

Interests

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