

# Julien Bellue

## Software Engineer

### SKILLS

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#### TECHNICAL

- Languages: C, C++
- Scripting: shell, bash, python
- Testing: googletest / googlemock, Robot framework, cucumber
- Web development (HTML, JavaScript, CSS)
- Behavioural Driven Development
- Agile methodology
- Unix and Solaris administration
- Embedded software
- Eclipse, Vim/vi, Visual Studio, VS Code, Netbeans

#### LANGUAGES

French	Mother tongue
English	Bilingual
Spanish	Conversational

### WORK

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**CAYAN** — PRINCIPAL SOFTWARE ENGINEER 2017–2018

**CAYAN** — SOFTWARE ENGINEER 2016–2017

Improvement of legacy software, development of new features matching the business requirements, following projects from their definition to their release. Providing technical guidance to a team, while assisting other members to ensure the stability and reliability of the deliverables.

#### ACHIEVEMENTS

- Improvement of automated testing, making the automation build much closer to the production one
- Promotion from Software Engineer to Principal Software Engineer
- Mentoring of a team to learn C++ and write production-ready code
- Hackathon project winner: arduino monitoring status of Jenkins' continuous integration

#### SKILLS LEARNT

- Team management
- Behavioural Driven Development
- Rigorous C and C++ coding, closely matching the company's coding requirements
- Autonomy of prioritising the workload, taking into account the most urgent requirement, being able to delay the least important tasks
- Unit testing, component testing and automated testing

## **FIDESSA — SOFTWARE ENGINEER**

2013–2015

Involved in every stage of the development of new exchange interfaces, from the initial design to the actual coding unit testing of the software. Changed the software to follow the high-speed requirement of the quickly evolving market.

### **SKILLS LEARNT**

- Team-working
- Agile methodology
- Understanding of fail-over and hot-swappable servers
- Unix administration, shell, bash and tcsh scripting
- Exhaustive TCL unit testing, to ensure software reliability and to detect unexpected API change from the market

## **DIROX (HO CHI MINH CITY, VIETNAM) — INTERNSHIP**

2012

Developed web applications in Django (python), and jQuery. Proof-of-concept application in Ember.js

### **SKILLS LEARNT**

- Code analysis to understand undocumented features and detect bugs in the various frameworks used
- Web development, with a heavy emphasis on digital security

## **EDUCATION**

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### **BORDEAUX 1 UNIVERSITY OF TECHNOLOGY**

2011–2012

Computer science technical degree

### **MICHEL DE MONTAIGNE UNIVERSITY, BORDEAUX**

2003–2006

Degree in American and English Literature and Civilisation

### **LYCÉE VICTOR LOUIS, TALENCE**

2003

Baccalauréat scientifique (equivalent to A-level in Maths, Physics and Biology)