

# Bertrand Boyer

Software Developer IoT  
R&D Java Developer

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in BertrandBoyer

BrtrndB

Epitech Graduated Promotion 2015

## Education & diploma

- 2011 → 2015 **Epitech**, Bachelor/Master, Toulouse/Paris, France.  
Direct entry in second year. Master's degree in Information Technologies.
- 2013 → 2014 **Griffith College Dublin**, Master 1 year, Dublin, Ireland.  
First year of Master in Computing with Business & Management options.
- 2008 → 2011 **EISTI**, Preparatory classes, Pau, France.  
First year of Bachelor's degree in Maths & Computing.
- 2008 **Lycée Vauvenargues**, Baccalaureate in Science, Aix-en-Provence, France.  
Baccalaureate SSI (Sciences) with Maths & Engineering option.

**[EPITECH.]**  
L'ÉCOLE DE L'INNOVATION ET DE  
L'EXPERTISE INFORMATIQUE



**EISTI**



## Work experiences

- October 2016 → Now **Dhatim**, R&D Java Developer, Paris, France.  
Backend developer for *Conciliator For Pay*, SaaS solution for French pay control quality. Team of 5 persons : 2 frontend, 2 backend, 1 PO working in Scrum methodology. Stack : Java 8 SE, Dropwizard, PostgreSQL, Docker, Git, Jenkins.
- March 2015 → October 2016 **Visian**, Lead Developer & Fablab Supervisor, Nanterre, France.  
Lead developer at Visian, Neurones IT's Business Unit specialised in prototyping use cases using IoT. In charge of the developers' team (hard & soft). Building PoC from scratch or using various kind of IoT (beacons, wearables, Raspberry, NFC, sensors...), and transmitting data into the cloud (hosted on Microsoft Azure).
- September 2014 → March 2015 **Groupe SII**, Head Of Innovation Assistant, Paris, France.  
Study of open source drones like the Crazyflie project and hardware customisation. Prototyping an embedded case for cooling trucks using a Raspberry Pi and various sensors (temperature, pressure, GPS...), data are transmitted over MQTT to the driver's phone. Stack : C, Java 8 ME for IoT, MQTT.
- April 2013 → August 2013 **Thales Services**, DevOps Intern, Ramonville, France.  
In charge of the study, install and deployment of OpenStack in a test environment. Writing documentation for users, deployment scripts (Bash), VM image templates, tests and validations.
- October 2012 → April 2013 **Novacom Services**, Java Developer Trainee, Ramonville, France.  
Java internship, attached to the developers team. Development of unit and functional tests with the correct dataset.

**dhatim**

**VISIAN**



**THALES**



## Technical skills

### Development

Java 8 SE, Java ME, C/C++.  
Basic knowledges in Android & Swift (iOS).  
Basics of Lisp/Scheme.

### IoT

Beacons (iBeacon & Eddystone).  
Android Wear Smartwatches.  
Raspberry Pi and prototyping sensors.

### Miscellaneous

Shell scripts, Docker, Microsoft Azure.  
SQL database (PostgreSQL).  
Work with Linux & Windows.

### Tools & methodology

Eclipse, Visual Studio, DataGrip.  
Git, Subversion, Maven, Makefile.  
Jenkins, Jira, Scrum, TDD.

## Languages

French : ●●●●●  
(Mother tongue)

English : ●●●●○  
(TOEFL, December 2012)

Spanish : ●●○○○  
(School level)

## Other activities

### Associations

- Scouts (as by scout and chief).
- Robotic Lab member at Epitech.
- Photographer for students associations.
- In charge of *Movies Hub* at Air-EISTI.

### Hobbies & Interests

- Photography, musics (60s-80s), cinema.
- Lego, construction set, robotic.
- Sciences et new technologies.
- Badminton, ski.