

Thibaut Roy

Software Engineer

18, Cavendish St
NSW 2042 Enmore
☎ +61 476 467 396
✉ contact@thibaut-roy.fr
Driving license and vehicle

Experience

- Sep 2015 to current **Software Engineer – Apprenticeship**, Amadeus, Sophia Antipolis (France).
- Designed and developed a rail seat selection UI module (Angular, Redux, SVG)
 - Created new XML Web Services in our service-oriented architecture (XML, C++, Python)
 - Contributed to the ng-bootstrap open source project on GitHub, focusing on the plugin accessibility (Angular, Bootstrap, Web Accessibility, Karma, TDD)
 - Created a B2C web application to sell rail tickets consuming a REST API to showcase our products to our clients (Angular, Redux, Java, Swagger)
- Apr–Aug 2015 **Android Developer – Intern**, FabZat, Bordeaux (France).
Maintained and developed new features for an in-app merchandising shop Android plugin (Java)
- Jul 2014 **Audiovisual Technician**, TEDELEC, Poitiers (France).
Installed audiovisual equipment in buildings or at temporary events
- Apr–Jun 2014 **3D Solutions Developer – Intern**, Intelligent Mechatronics and RFID (IMaR), Tralee (Ireland).
- Wrote python scripts to parse, filter and transform LiDAR data to 3D models
 - Built web (Potree) and augmented reality (Android, Vuforia) visualization solutions

Education

- Sep 2015 to current **Master's degree in Software Engineering**, University of Technology of Compiègne (UTC).
- 2014–2015 **Bachelor's degree in Computer Science**, University of La Rochelle, Digital Media.
- 2012–2014 **Undergraduate technical degree in Computer Science**, IUT of La Rochelle, Embedded Systems.

Projects & Achievements

- Aug 2017 **SeatMap project – Award winner**, Amadeus Interns Innovation Contest (AIIC 2017).
- Nov 2017 **Hackathon Website & Dashboard**, UTC.
- Nov 2016 **Innovation prize**, Hackathon UTC – IoT edition.
Created a connected flower with an Arduino, and a web app to track your flower statistics, and to compare it and fight with your friends' plants. (Arduino, MEAN stack)

Skills

Languages	JavaScript, Java, C++, Python	Frameworks	Angular, Qt, Android, OpenGL
DB	SQL (Oracle), NoSQL (MongoDB)	Analysis	UML
Tools	VS Code, Git, IntelliJ, Visual Studio, Atlassian Suite, Trello, Sketch		

Languages

French **Native speaker**
English **Fluent**

TOEIC (2017) : 975/990

Activities & Clubs

- Interests Sci-Fi fan, Traveler, Home automation, Film photography, Aspiring piano player
- Clubs & Societies ApprenTeam (promotion of apprenticeships at the UTC, President) – Pic'Asso (Students' bar & common room, IT Team) – COMET (school party committee, sponsorship manager)
- Sports Skiing, Strength training