

# Anthony FARAUT | SOFTWARE ENGINEER

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25 years | Car and motorcycle driving licenses | **International mobility**

## PROFESSIONAL EXPERIENCES

- Feb. 2016  
8 months  
**Internship** within the University of Passau in **Passau (Germany)**  
Project research-oriented allowing the collect of information from a known event in real time on social networks.  
Java, **Data science**, **Machine Learning (Word2vec, Doc2vec)**, Classification, Clustering, **SCRUM**, **MongoDB**
- May 2015  
4 months  
**Internship** within the company **Swiss Risk & Care** in **Geneva (Switzerland)**  
Rewriting a Swiss fund pension management application with the latest **Microsoft** technologies.  
3-tier architecture based on **Framework .NET 4.0**, **C#**, **WPF / MVVM**, SQL Server, **NHibernate** and SSRS reports.
- Jun. 2014  
4 months  
**Internship** within the company **Amadeus** in Sophia Antipolis (France)  
Realization of a web tool (with API) that allows error correction facilitation in the existing code.  
**Python**, Framework web (**Django**), **JavaScript**, Mercurial, **SCRUM**, **MongoDB**, Jenkins
- Apr. 2013  
3 months  
**Home automation project** within the company NiceTic (France)  
Assembling, installation and configuration of Linux rack (Debian, in console mode) servers  
Installing wireless access point PoE, switch and RJ45 engines in wiring closets and sockets  
Concepts of managed switch configuration and VLANs. Pulling and certification of network cables
- Nov. 2012  
3 months  
**Internship** within the company NiceWeb (France) – **Home automation project**  
Network programming in C (socket - Client/Server) between automats (Phidgets, Arduino) and Linux servers.  
Shell, PHP, Oracle database, (LAMP server), **C language**

## EDUCATION

- 02/16 – 10/16 M. Sc in Computer science – **Double degree** (University of Passau in **Germany** and **INSA Lyon** in France) – **8 months**
- 09/13 – 02/16 M. Sc in Computer science – **Software engineer** – **INSA Lyon** (France) – Department of **Computer Science**
- 09/10 – 03/13 University Institute of Technology IT at the **IUT of Nice Sophia-Antipolis** (France) – 2nd of the promotion

## PROJECTS

- Apr. 2015  
Design and development of a web platform for predicting city bikes utilization to a terminal B at a time T  
Team of 7 persons - Web service: unique backend for the website and the Android app  
**Django**, **Python**, Android (Java), GoogleMaps API, Bootstrap, jQuery, Ajax
- Oct. 2014  
**Hackathon** – Design of a real time presentation – Lyon (France)  
An online presentation tool that synchronizes presenter and audience screens, with personalized content, live polling  
Full **JavaScript** - **Node.js**, Charts.js, **JSON**, Firebase, Bootstrap, **MongoDB**
- 2013 – 2014  
Design of a Quadcopter, with a Raspberry Pi – The Quadcopter is controlled using a XBOX360 handle

## SKILLS

- Languages French mother tongue - **English** (*Professional working proficiency*) – **German** (*Level B2 - European certification*)
- Programming **Java**, **Python**, C#, C
- Web program. JavaScript, **Node.js**, **React**, Python (**Django**, Flask)
- Engineering **UML** conception, Version control (Git, Mercurial), Design patterns, **Agile (SCRUM)**
- Databases Oracle, **MongoDB (NoSQL)**, MySQL

## INTERESTS

- Travel Austria, Belgium, Czech Republic, Denmark, Germany, Italy, Sweden, Switzerland, United Kingdom, United States
- DIY Masonry, Mechanics, Electronic, Electricals, Plumbing, Painting, Welding
- Sports Running, Rafting, Canyoning
- Motorcycle Outings and mechanics