

Anthony FARAUT | SOFTWARE ENGINEER

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

PROFESSIONAL EXPERIENCES

- Feb. 2016
8 months
Research oriented software engineer intern at the University of Passau – **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
Software engineer intern at Swiss Risk & Care – **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
Software engineer intern at **Amadeus** – Sophia Antipolis (France)
Realization of a web tool (with API) that allows error correction facilitation in the existing code.
Python, Web framework (**Django**), **JavaScript**, Mercurial, **SCRUM**, **MongoDB**, Jenkins
- Apr. 2013
3 months
Developer for a **home automation project** at NiceTic – Nice (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
Developer intern at NiceWeb – Nice (France) – **Home automation project**
Network programming in C (socket - Client/Server) between **automatons** (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 **Two-year technical degree** in Computer Science at UIT of Nice Sophia-Antipolis (Fra) – **2nd of the graduates of the year**

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 services**: 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 platform – 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
- Sports Running, Rafting, Canyoning, Basketball (3 years) – Departmental Champion, Karate (3 years)
- DIY Masonry, Mechanics, Electronic, Electricals, Plumbing, Painting, Welding
- Motorcycle Outings and mechanics