

Contact

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📅 12th oct. 1995

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in LinkedIn

Programming

❤ C# (.NET & UWP)

🐧 Linux & Shellscript
🔲 Optimisation, UX & UI

</> Java, C++ & Javascript
📄 HTML5, CSS3, SAAS

Languages

read, speak, write French
read, speak, write English
read, speak, write German
speak Chinese

Hobbies

DIY – All kind of hand
made projects

Computer – UX and UI
design, optimisation and
genetic algorithms

Sport & art – Piano,
badminton, tennis,
beach-volley

Experiences

Job - internship

- summer 2016 **Rover development** Octanis at Univercité, Renens
Reusable, autonomous, solar powered and open source rover for outdoors, designed for extreme environment, such as Antarctica
- summer 2014 **Trainee** Kudelski Security, Cheseaux-sur-Lausanne
Prototype of a Unmanned Air Vehicle working on 4G-LTE communication, controlled via a smartphone
- summer 2013 **Research in computer science** University Lafayette, Louisiana, USA
Implementation on Javascript Code Parallelization in Mozilla Firefox Javascript engine (SpiderMonkey)
- End 2012 **Employee** Bugnard SA, Lausanne
Preparing packages in accordance with customer wishes

Meeting - Contest

- Sept. 2014 **Exposition ESE Milset 2014** University Zilina, Slovakia
Meeting to present a prototype of a unmanned ground vehicle which was developed in a previous contest
- May 2014 **National contest "La science appelle les jeunes"** EPFL, Lausanne
Presentation of a drone built during a school project (special prize Metrohm)

Projects

- Kudelski **4G-LTE drone** Swiss army
Mandated to build and code a quadcopter with a full control over 4G-LTE communication. Onboard sensor and camera telemetry controlled via smartphone
- App dev. **Anatomie UNIL** Multiple choice app generator
Application used by medical school student that provide a wide range of multiple choices question in order to prepare an exam
- High school **Unmanned Ground vehicle for scratch** Metrohm Prize at SJF 2014 in Switzerland
Wireless controlled vehicle over 4G-LTE with onboard live streaming camera
- EPFL Project **Another Bubbles' Concept** Semester project
Optimise a design according to client specification chart, CAD (CATIA V5). Knowledge in basic machine design and machine elements

Diploma - Education

Since 2015	Microengineering Ecole Polytechnique Fédérale de Lausanne	School of Engineering
2014 - 2015	Medical School University of Lausanne	Faculty of biology
2001 - 2014	Piano & solfege studies Many shows and prices, Certificate respectively obtained in 2014 and 2010 with mention Excellent	Conservatory of lausanne
200 - 2014	public school Mathematics and physics	Marcelin, Morges