

Victor PATRIN

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🎯 Objective

I am a 22 years old engineering student in computer science and a blockchain enthusiast in my spare time. Curious and motivated, I think we have so much to learn from others whether it be on personal, professional or cultural aspects.

🎯 Education

- Sept. 2018 – Present **Master's degree in Computer Science** – *Faculty of Sciences and Technologies, Nancy, France*
Major in Information and Systems Security
- Sept. 2016 – Present **French Graduate School of Engineering** - *Ecole des Mines de Nancy*
Major in Computer Science & IT
- Sept. 2013 – Jul. 2016 **Classes Préparatoires aux Grandes Ecoles** – *Lycée Gay-Lussac, Limoges, France*
Major in Advanced and Applied Mathematics, Computer Science & Physics
A 3- year undergraduate program for preparation to national competitive exams for admission to French most prestigious graduate schools of engineering.
- July 2013 **French Baccalauréat in Science / Physics** (high school leaving diploma)
passed with Honours (14.6 / 20)

🎯 Professional Experiences

- Oct. 2018 – Present **Junior Software Developer** at *Ubirch GmbH, Berlin, Germany*:
Flexible student contract of 40h per month until my final year internship starts – Remote job
Missions: Implementation of data anchoring services on blockchains
- June 2018 – Sept 2018 **Internship as an assistant engineer** at *Ubirch GmbH, Berlin, Germany*:
A “Blockchain for Things” start-up guaranteeing that IoT data is trustworthy and secure, using blockchain technology and military-grade cryptography
Missions: Mobile application used to verify cryptographic identities & Implementation of data anchoring services IOTA & Ethereum

- Sept. 2017 – June 2018 **Research project** in the Computer Science & IT department: *Disassembly of .NET executable files and malware detection*
Purpose: Developing a disassembler to extract a control flow graph from executable files & running a morphological analysis on a graph database
- Oct. 2017 – Jan. 2018 **Research project** in mixed teams with a partner Business School: *Blockchain projects applicability in metropolises and smart grid developments*
 Conducted during courses of Competitive Intelligence and Decision Making in which we learned about technology intelligence, sourcing and lobbying strategies in business and diplomacy
- Feb. 2017 – Oct. 2017 **Corporate Relation Officer** at *Forum Est-Horizon*
 Recruitment fair organized by Mines Nancy students (20 members), which gathers 50+ companies and welcomes 1000+ visitors every year
- Feb. 2017 (1 month) **Internship as an operator** at *Société des Condensateurs Record, Montierchaume, France*
Duties: Working on almost every step needed to manufacture a capacitor
Skills: Versatility
- Oct. 16 – June 2017 **Treasurer of the project “Carton Solid’Air”** at *Enactus France* (International student organization whose aim is the development of social entrepreneurship Projects)
Project purpose: Sell/rent cardboard furniture manufactured in rehabilitation centers
- Sept. 16 – June 2017 **FEDEEH Tutor** (National federation which assists young people with disabilities in their professional training and work)
Duties: Career counselling, homework support
- Sept. 2015 – July 2016 **Research project** in the last year of my undergraduate program: *String similarity measurements and Kolmogorov complexity*
Purpose: Using Kolmogorov complexity to set a shared information formula to calculate similarities between ASCII-converted pictures

🕒 Computer Skills

- Languages: **Python, C, C++, Java, SQL, R (data analysis), C#, JavaScript, Matlab, PHP, HTML, CSS, LaTeX, JavaScript frameworks (Ionic & Cordova)**
- Operating Systems: **GNU/Linux, Windows, macOS**

🕒 Languages

- French Native
 English Fluent, C1 - IELTS 7.5/9 (June 2017)
 Spanish: Intermediate – Preparation of DELE B1 (Dec. 2018)

◎ Miscellaneous

Travels:

Oct. 2018: ten-day vacation in Montreal

Aug. 2017: a seven-day road trip in Transylvania, Romania and a week in Ukraine (L'viv, Kiev, visit of the ghost town Pripyat and Chernobyl)

Aug. 2015: Interrail trip (Amsterdam, Berlin, Prague, Krakow, Budapest)

Interests:

Philosophy – Chess – Videogames – Sport – Modern Art