

# Jaouhari Youssef

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## TOOLS AND SKILLS

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**Graduate Topics** : *Related to Telecommunications*

*Computer Sciences (High-performance computing, Algorithmic, Compilation, Decentralized computing), Signal processing (Passband modulation, Information theory), Mathematics (Data Mining, Machine Learning)*

**Programming Languages** : C#, Python, Java, C++, Javascript

**Software / Technologies** :

**Distributed Computing** : RabbitMQ, JavaEE

**Information Security** : Aircrack-ng, Wireshark, Nmap, Ghidra, fail2ban

**Miscellaneous** : Pandoc, Unix, git, Docker, Kubernetes

## EDUCATION

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**Telecom SudParis**

**Evry, France**

*Postgraduate Engineering Degree*

*Expected Graduation: September 2020*

- My major consists in learning to design and develop distributed services and applications. The main courses were designed to practice standard computer technologies for distribution as well as middleware technologies. In parallel, some courses aim to achieve mastery of high performance parallel computing architectures, semantic web and big data.

**Paris X University**

**Nanterre, France**

*Bachelor in Philosophy*

*Expected Graduation: September 2021*

- The aim to study some of humanity's fundamental questions ranging from the limits of human knowledge to the nature of truth and beauty. The modules include logic, ethics, metaphysics, philosophy of science and political philosophy.

**Lycée Moulay Youssef**

**Rabat, Morocco**

*Undergraduate courses to prepare nationwide competitive exams*

*September 2015 - September 2017*

## EXPERIENCE

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**Faurecia Automotive Seating**

**Sala Al Jadida, Morocco**

*Software Engineer Intern*

*July 2017 - August 2018*

- I programmed a visualisation app that tracks the score of production workers in realtime. The score is set by an administrator and diffused over all supervision screens in the factory.

**Opensource.com**

**Evry, France**

*Technical Writer*

*Since August 2019*

- I write and publish technical and non-technical articles for the account of the open source community through the website [opensource.com](https://opensource.com) which is supported by Red Hat.

## PROJECTS

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**Building a blockchain from scratch**

**Telecom SudParis, Evry**

*Personal Project*

*August 2019 - October 2019*

- The project aims to build a blockchain service from scratch as well as a decentralized network that will host the blockchain. The main language used for the project is Javascript.

**Quantum Classification of network intrusions**

**Telecom SudParis, Evry**

*Student Project*

*August 2019 - October 2019*

- The project aims to build a quantum SVM using Qiskit in order to detect intrusions in the network and to compare its performances to a classical SVM.

## MISCELLANEOUS

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**Languages** : Arabic (native speaker), French (DALF C1 84/100), English (TOEIC 980/990), Spanish (DELE B1 15/20)

**Sports** : Swimming (SCA 2000 Evry), Jogging, Biking, Triathlon

**Hobbies** : Philosophy, Computer Programming, Competitive Programming, CTFs

**Interests** : Humane Technologies, Open Source Contributions, Solidarity-based Microfinance, Geopolitics