

Jean Chambras

21 YEARS OLD · FRENCH · CYBERSECURITY STUDENT

9/427 Avenue des Bains, 1007 Lausanne, Switzerland

☎ (+41) 79 530 42 58 | ✉ jean@chambras.fr | 🏠 www.jeanchambras.com | 📱 jeanchambras | 🌐 jean-chambras



Strengths

- Strong knowledge of information security and network protocols
- Data mastery : Python for data sciences, Regex log parsing
- Teaching and communication skills

Education

Swiss Federal Institute of Technology in Lausanne (EPFL) and in Zürich (ETHZ)

JOINT MASTER'S DEGREE IN CYBERSECURITY

Lausanne and Zürich, Switzerland

September 2019 - Now

Swiss Federal Institute of Technology in Lausanne (EPFL)

BACHELOR'S DEGREE IN COMMUNICATION SYSTEMS

Lausanne, Switzerland

September 2016 - July 2019

Baccalaureate of Science

MATHEMATICS SPECIALTY

Bordeaux, France

July 2016

Work Experience

Techspark

PYTHON INSTRUCTOR

Switzerland

April 2019 - Now

- Teaching of Python programming for kids and teenagers in several schools in Switzerland (Lyceum Alpinum in Zuoz, Florimont in Geneva)

Sthenos movement

IT MANAGER & COMMITTEE MEMBER

Lausanne, Switzerland

March 2019 - Now

- Managing the deployment of an IT infrastructure (Website, Application, API, databases) for Sthenos Movement, startup building an incubator of talent for aerobic sports
- Bringing game theory into sports trainings

Blockchain Student Association

CO-FOUNDER, COMMITTEE MEMBER AS IT MANAGER

Lausanne, Switzerland

July 2018 - Now

- Management and development of the IT infrastructure
- Organization of several scientific talks and workshops to enlighten blockchain technologies to students of every department on the campus

Swiss Federal Institute of Technology in Lausanne (EPFL)

TEACHING ASSISTANT

Lausanne, Switzerland

2018

- More than 100 hours of teaching in a introductory course to communication system theory (AICC II) supervised by *prof. Bixio Rimoldi*
- Correction of homeworks and office hours

Research

Internet Neutrality watch Bachelor project

NETWORKS ARCHITECTURE LAB (NAL), SUPERVISED BY *prof. Katerina Argyraki*

Lausanne, Switzerland

September 2018 - February 2019

- Development of an Internet network neutrality watch tool through measurements of network metrics between remote machines, and inference of neutrality of individual links
- Usage of Python, networking tools (Wireshark), log parsing in regex

Hackathons

Mar. 2019 **Ethereum Paris**, Implementation of cryptographic primitives features into the blockchain builder Parity
Substrate In Rust

Paris, France

Nov. 2018 **Lauzhack**, Design of a machine learning tool to monitor conferences and the receptiveness of the audience

Lausanne,
Switzerland

Sep. 2018 **Ethereum Berlin** • **Prize winner**, Development of an autonomous, peer reviewed, decentralized journal
running on the Ethereum blockchain

Berlin, Germany

Skills

Technical

Python (Data: Numpy, Pytorch, SciPy, Panda, Scapy), web development : Django), JavaScript (React, NodeJS), networking tools (Wireshark), REGEX, SQL, NoSQL (MangoDB), Scala, Java, C, Assembly

Soft

Teaching, communication, team work

Languages

- English fluent (99 at TOEFL iBT Oct. 2018)
- Spanish - Intermediate proficiency
- French - Native