François Michel

Computer Scientist

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 in francois-michel
- - 77 485 89 65 Chemin des v

 Swiss and French citizenships
- Chemin des vignes 7, 1124 Gollion, Switzerland ch citizenships Date of birth: 16.07.1998



Education

Master Degree in Computer Science with Major in Cybersecurity École Polytechnique Fédérale de Lausanne (EPFL) and ETH Zürich

= expected August 2022

■ Lausanne, Switzerland

Bachelor Degree in Communication Systems École Polytechnique Fédérale de Lausanne (EPFL)

September 2017 - June 2020

Lausanne, Switzerland

Exchange Year in Computer Science University of Washington

September 2019 - June 2020

Seattle, United States

Experience

Security Engineer Intern Secutix

February 2022 - August 2022

Lausanne, Switzerland

Security analysis of different physical access control system for large events. Design and implementation of a new secure physical access control system.

Software Engineer Intern Cyberbotics Ltd.

August 2021 - September 2021

Lausanne, Switzerland

Creation of the model of the Royable robot for Harvard and the MIT Space Exploration Initiative in a robot simulation software. Implementation of new features in that software.

Teaching Assistant **EPFL**

September 2018 - February 2019

Lausanne, Switzerland

Teaching Assistant for the Advanced Information Computation and Communication lecture.

Tutor in Math

2015 - 2021

Teaching math and physics to students aged 13 to 19.

Projects

Anonymous Proof-of-personhood for e-voting

■ Spring 2021

EPFL

Prototyping and implementation of a highly robust proof-of-presence group communication and voting app for mobile devices at the Decentralized Distributed Systems Laboratory.

Game Boy Simulator

Spring 2018

♥ EPFL

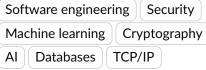
Development of a Nintendo Game Boy simulator in Java, during the EPFL course "Practice of object-oriented programming".

Skills

· Programming Languages



Core Competencies



Others

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G	it) (C	SitHub	Gi	tLab	Linux
В	ASH	Blender		OpenGL	

Coursework

- Computer security
 - Cryptography
 - Security engineering
 - Software security
 - Information security
- Machine learning
- Concepts of Object-Oriented Programming
- Artificial intelligence
- Databases
- Algorithms
- Computer networks

Languages

French English German



Activities

Musician

2006 - 2017

Taking clarinet classes and playing in many orchestras.

Sport

2006 – present

Playing soccer and volleyball