

Samuel Bétrisey

Cybersecurity student

Lausanne, Switzerland | +41 79 871 73 35 | samuel@sam.ninja

ctftime.org/user/95718 github.com/betrisey

Education

Joint Master in Cybersecurity 2021 - 2023

[EPFL and ETH Zürich](#)

Member of the universities Capture the Flag (CTF) teams ([Organizers](#) and [Polygl0ts](#))

Teaching assistant: Software Engineering, Software Development Project

Research projects:

- Formally verifying the Kerberos authentication protocol
- Generating vulnerable software for competitions

Bachelor in Computer Science 2018 - 2021

[Ecole Polytechnique Fédérale de Lausanne \(EPFL\)](#)

Ranked 1st among all the Computer Science Bachelor students

Achievements

EPFL Excellence Fellowship 2021

EPFL offers a limited number of fellowships at master's level to students with outstanding academic records.

DEF CON CTF finalist august 2021

Participated with team Organizers to DEF CON CTF in Las Vegas which is considered to be the most prestigious CTF. Finished as the highest-ranked European team and scored 10th place overall.

European Cyber Security Challenge 2021 september 2021

Selected from among 1000+ participants to represent Switzerland at a European wide cybersecurity competition

2nd place at CSAW'21 Europe CTF november 2021

CSAW CTF is the largest student cybersecurity contest.

Work experience

Software Engineer 2016 - 2017, summer 2019, summer 2021

[Nanoxi](#)

Web development (C#, ASP.NET MVC, Umbraco CMS, JavaScript, CSS), web security, e-commerce, automation, testing, system administration, networking

Software Developer Internship novembre 2015 - march 2016

[Axianet.ch Sàrl](#)

Full-stack web development

Development of an Android application for Internet of Things devices

Details

Date of Birth: April 15th, 1998

Nationality: Swiss

Skills

Programming languages



- Python
- Go
- C
- Java
- Scala
- Kotlin
- JavaScript
- C#

Cybersecurity skills



- Browser / web security
- Applied cryptography
- Network security
- Mobile security
- Reverse engineering
- Binary exploitation
- Formal verification
- Forensics
- Distributed systems security

System administration



- Linux
- Docker
- Nginx
- SSL/TLS
- Reverse proxy
- Networking
- Google Cloud
- AWS

Languages



- French - mother tongue
- English - C1, fluent
- German - B1, intermediate