



Çağın Tanır

MASTER'S STUDENT AT ETHZ · WORKING STUDENT AT SIEMENS
Zürich, Switzerland

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Master's student majoring in cybersecurity. Currently writing Master's thesis and looking for post-graduation career opportunities.

Education

ETHZ (Eidgenössische Technische Hochschule Zürich) - EPFL

Zürich, Switzerland

M.Sc. CYBER SECURITY

Sep. 2021 - Feb. 2024

- Security focused lectures on software, network, and systems. Minor in Data Management Systems.

EPFL (Ecole polytechnique fédérale de Lausanne)

Lausanne, Switzerland

B.Sc. COMPUTER SCIENCE AND ENGINEERING

Sep. 2017 - Jul. 2021

- Notable Courses: Computer security, Computer networks, Software engineering, System oriented programming, Operating systems

Experience

Siemens Smart Infrastructure

Zug, Switzerland

WORKING STUDENT: IOT & CLOUD

Oct. 2022 - Sep. 2023

- Managed the security of cloud deployments at the Pre-development Team.
- Developed a Building Automation Tool prototype, involving graph database, backend, REST, and frontend work.
- Experience with AWS, network infrastructure, server and certificate management, containerized deployments.

Research

Unleashing the Full Amplification Potential of DNSSEC

ETH Zurich

MASTER'S THESIS

Sep. 2023 - Feb. 2024

Using UWB Ranging to Secure Contactless Payments

ETH Zurich

MASTER SEMESTER PROJECT

Sep. 2022 - Mar. 2023

- Proposal to enhance tokenisation payment protocol with UWB secure ranging to prevent relay attacks.

TestGen API Collection and Extraction

EPF Lausanne

BACHELOR SEMESTER PROJECT

Feb. 2021 - Jul. 2021

- API extraction of Debian libraries leveraging source files, to be used in TestGen project in HexHive Lab, EPFL.

Projects

Blindly App

Lausanne, Switzerland

MEMBER

Feb. 2021 - Jun. 2021

- Wrote a fully functional Android app in Kotlin in a team of 6 students for Software Development Project Course at EPFL.

AEDAG Alumni Association Website

Switzerland

DEVELOPER

Feb. 2021 - Pres.

- Built and still maintaining the website for Galatasaray High School Alumni Association in Switzerland.

Amy Language Compiler

Lausanne, Switzerland

MEMBER

Sep. 2020 - Dec. 2020

- Implementing a Scala-like compiler in Computer Language Processing course at EPFL.

Skills

Programming Python, C/C++, Java, Scala, Kotlin, HTML, CSS, Typescript, SQL, LaTeX, Version Control Systems

Languages English & French (Full Professional Proficiency), German (Limited Working Proficiency), Turkish (Native)