CV

Maxence Courtet

Software Engineer at SECUTIX

ETHZ/EPFL Cybersecurity Alumni

Technical Skills

Data Visualization:
Tableau, Matplotlib, Plotly

Data Querying:
SQL,Pandas,Numpy

Backend Development:
Java, SpringBoot, Scala

Machine Learning :
Python (TensorFlow, Pytorch)

Languages

French - C2
English - C1
Spanish - B2
German - A2

Interests

Traveling, Hiking

Fitness, Running

Machine Learning

Blockchain, DeFi

Quantitative Finance

Contact

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Maxence Courtet

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Biography

As a software engineer with product ownership experience, I bring an analytical mindset to creating solutions that align with business goals. Currently refreshing my data visualization skills from school through a Tableau course, I also have experience in secure system design, enabling me to work effectively with complex data. Known for my proactive, team-oriented approach, I enjoy solving strategic challenges. Outside of work, I'm passionate about travel, finance, and fitness, always eager to learn and grow in new ways.

Work experience

Backend Engineering & P-O at SECUTIX — 2022 - Today

Notable Tools: Java, SpringBoot, Solidity, Docker, Jira

- **Software Engineering:** Led the development and delivery of a scalable souvenir ticketing system, for events exceeding 200,000 spectators as well as a P2P Markeplace to sell/buy Digital Assets.
- **Product Owner:** Guided the development of SECUTIX Digital Assets, aligning client needs with the company vision to deliver a strategic, client-focused solution.

Blockchain Engineering Master's Thesis at SECUTIX — 2022

Notable Tools: Solidity, JavaScript, TypeScript, Hardhat, Truffle, Chai Ganache.

In this work, we aim to create a blockchain ticketing standard that is scalable to the business needs of the company.

Education

Master in Cybersecurity — 2020 - 2022

Double Degree EPFL/ETHZ, Lausanne/Zürich, Switzerland

Notable Courses: Machine Learning, Database systems, Information security and privacy, Network Security, Security Engineering, Applied Security Laboratory

Notable Project : Unsupervised time series analysis of country wise COVID data

Performed an unsupervised time series analysis of COVID-19 cases across 198 countries, using clustering and visualizations like Sankey diagrams to uncover trends. Developed autoregressive models to improve forecasting accuracy and visualize pandemic progression. - *EPFL - Swiss Data Science Center*

Bachelor in Communication Systems — 2016-2020

EPFL, Lausanne, Switzerland

Notable Courses: Probability and Statistics, Stochastic Models, Algorithms, Computer Networks, Functional Programming (Scala), Computer Security, Software Engineering

Certifications

Fundamentals of Visualization with Tableau — Oct. 2024

Coursera

Completed an introductory course in Tableau, learning the fundamentals of data visualization, data preparation, and how to create visual insights from raw data.

Professional Scrum Product Owner I — March 2024

Scrum.org

Earned the Professional Scrum Product Owner I (PSPO I) certification, demonstrating knowledge of the Scrum framework and skills in agile product management to support value creation and delivery.