

Zeno de Angeli

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Education

University College London

Information Security MSc

London, United Kingdom

September 2024 - September 2025

- Dissertation/Thesis: **Dual-Mode DAG-based Consensus Protocol**
- Focus areas: Cryptography, Cryptocurrency, Privacy Enhancing Technologies

Sussex University

Computer Science BSc, First Class Honours

Sussex, United Kingdom

September 2019 - May 2023

- Dissertation/Thesis: **COVID-19 Policy Parameter Estimation**
- Focus areas: Compiler Architecture, Data Science, Computer Network

The American School in Switzerland

International Baccalaureate

Lugano, Switzerland

September 2016 - May 2019

- High Level Subjects: Mathematics, Physics, Economics
- Standard Level Subjects: Italian, English, Photography

Work Experience

Research Assistant

University of Sussex

Sussex, United Kingdom

May 2022 - August 2022

- Developed OCR methodologies to enhance computer vision applications for academic research
- Worked in collaboration with industry partner **Foxit**

Full Stack Developer

NorthsouthUX

Lugano, Switzerland

May 2023 - December 2023

- Primary responsibility involves transforming Figma design specifications into fully functional websites
- Partnered with clients to transform business needs into effective technical solutions

Projects

Dual-Mode DAG-based Consensus Protocol

Information Security MSc Dissertation/Thesis

March 2025 - September 2025

- Will enhance Mysticeti consensus protocol with dual-mode functionality
- Will provide sub-second finality across diverse network conditions
- In collaboration with industry partner **Mysten Labs**

COVID-19 Policy Parameter Estimation

Computer Science BSc Dissertation/Thesis

September 2022 - May 2023

- Created policy impact dashboard correlating interventions with R_0 changes
- Implemented advanced statistical modelling and predictive analytics

Technical Skills

Programming Languages: Rust, Java, Python, C, Javascript, PHP

Frameworks & Libraries: Hardhat, Solidity, ethers.js, OpenSSL

Development Tools: Docker, Ganache, Git, Linux, AWS

Industry-specific Skills: Threat modelling, Technical writing, Database Management, Statistical Analysis

Language Proficiency

Italian: Native

English: Native

German: Basic

Certificates

National Cyber Security Center Certification

Junior Research Associate Certificate