

METIN LAMBY

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EDUCATION

Imperial College Business School

London, United Kingdom | Sep 2024 – Jun 2025

MSc in Financial Technology

Relevant modules: Mathematics for Finance, Financial Econometrics in R/Python, Computational Finance with C++, Machine Learning, Accounting and Corporate Finance, Investments and Portfolio Management, Business Valuation, Markets and Securities

Technical University Munich (TUM)

Munich, Germany | Oct 2019 – Jun 2023

BSc in Information Systems

Relevant modules: Data Analytics and Intelligent Systems, Business Analytics and Machine Learning, Operations Research, Evidence Based Decisions Using Big Data Analytics, Investment and Financial Management, Financial Accounting and Reporting

Thesis: "Automated Smart Contract Quality Assurance"

PROFESSIONAL EXPERIENCE

Swiss Re

Zurich, Switzerland | Sep 2023 – Mar 2024

Asset Management Tech Innovation Intern

- Gained first-hand experience in software development, IT governance and innovations in asset management domain
- Closed risk assessment gaps in >60 group asset management IT applications by evaluating group standard compliance on testing with production data, employing sharp data analytics skills and risk management
- Facilitated asset management IT application risk assessment and group standard compliance by launching IT application configuration review as additional risk management solution for digital services
- Improved code quality insights and technical debt management by developing a technical debt analytics app for a key asset management application in 50% of the expected time; built on PostgreSQL with Python in Palantir Foundry
- Consulted as core team member enabling Swiss Re's first investment into tokenised assets by producing upskilling material on blockchain, DeFi, tokenised real world assets and Bitcoin; shared on companywide intranet

360X

Frankfurt, Germany | Apr 2022 – Jul 2023

Working Student Tech & Legal

- Supported startup founding team of trading venue for blockchain-backed digital assets in tech and legal department
- Thrived in fast-paced startup environment with entrepreneurial spirit, developing strong interpersonal, multitasking and organisational skills
- Initiated the reduction in software bugs by launching structured quality assurance processes, adding over 100 automated and manual test cases into test management platforms, utilising attention to detail and project management skills

Deutsche Börse Group

Frankfurt, Germany | Aug 2021 – Oct 2021

Big Data & Automation Intern

- Analysed Metaverse trends and presented research to the Group CEO, providing insights to support strategic decision-making and future investments, displaying excellent communication, presentation and research abilities
- Participated in SWIFT (Society for Worldwide Interbank Financial Telecommunication) Hackathon 2021 using AI and ML to detect financial transaction anomalies, showcasing collaboration and software development skills

PUBLICATION & PROJECT

"Trusting a Smart Contract Means Trusting its Owners: Understanding Centralization Risk"

- Contributed to scientific community by demonstrating importance of centralisation risk awareness in smart contracts
- Presented research at "Conference on Blockchain Research & Applications for Innovative Networks and Services" in Paris, displaying excellent communication and presentation skills in front of academic audience
- Exhibited exceptional collaborative problem-solving and investigative abilities, quickly mastering new subject matter to deliver high-impact results under tight deadlines, regardless of prior experience
- Link to publication: <https://ieeexplore.ieee.org/document/10316813>

ADDITIONAL SKILL

Technical Skills

Python (proficient), Excel/Word/PP (proficient), Data Analysis (Palantir Technologies Certified), Java (intermediate), R (intermediate), SQL (intermediate), JavaScript (basic), Probability Theory & Statistics (Delft University of Technology Certified)

Languages

German (native), English (fluent), Turkish (conversational)

EXTRA-CURRICULAR & INTERESTS

- Brazilian Jiu Jitsu (Blue Belt): leveraged disciplined training to maintain focus in high-pressure environments, manage stress, and improve resilience while being on a continuous journey of improvement and hard work
- Student entrepreneurship club (START Munich): cooperated with industry experts and students from diverse backgrounds to explore and develop innovative business ideas