Federico Eckert

DeFi Researcher | MSc. In Fintech and Innovation

London, UK • +4407575887921 • federicoeckert1997@gmail.com • LinkedIn • Portfolio

Results-driven Crypto and DeFi analyst with 3+ years of experience in TradFi risk and valuation roles. Currently designing a privacy-preserving credit protocol using ZKPs and FHE, combining Open Banking, on-chain, and alternative data to assess borrower reputation. Skilled in Python, data analytics, and DeFi product development, with a strong commitment to advancing Web3 ecosystem. Passionate about building open, censorship-resistant financial primitives that enhance privacy, promote financial inclusion and empower global communities.

AREAS OF EXPERTISE

- Blockchain in Finance
- DeFi Lending & Liquidity Systems
- Data Analytics with Python
- Cross-functional communication
- Strategic Positioning
- AI in Finance
- Product Development
- Tokenomics Design
- Adaptability

PROFESSIONAL EXPERIENCE

JP Morgan Chase & Co. **Buenos Aires, Argentina**
Product Control Analyst *May 2022 – August 2024*

- Produced daily P&L and Risk reports for Bonds, FX Forwards, and Swaps, ensuring valuation accuracy for portfolios exceeding $400 billion.
- Acted as the first point of contact for traders, providing support on pricing, trade flow, and position inquiries to improve desk efficiency and risk management.
- Collaborated with the Front Office design a hedging strategy in response to the 2023 local economic crisis.
- Automated reconciliation processes, reducing manual workload by 50% and improving reporting accuracy.

CITI Bank **Buenos Aires, Argentina**
Credit Risk Analyst *September 2021 – December 2021*

- Assessed creditworthiness of institutional and corporate clients by analysing macroeconomic trends, financial ratios, and industry-specific risks.
- Delivered concise risk memos and recommendations used by senior stakeholders in credit committees and policy reviews.

NIELSEN **Buenos Aires, Argentina**
Modelling Analyst *August 2020 – September 2021*

- Built marketing mix and regression models for LATAM clients to measure ad campaign impact on sales across multiple retail channels.
- Translated complex statistical results into actionable insights for business stakeholders, influencing media budget allocation.

EDUCATION

Bayes Business School – City St. George's University of London *September 2024 – September 2025*
MSc. Financial Technology and Innovation
Universidad Torcuato Di Tella *March 2016 – July 2020*
BSc. Economics

- Minored in Business

RESEARCH PROJECT

Gravitum – A Privacy Preserving Credit Protocol for DeFi *April 2025 – Present*

- Designed a decentralized credit protocol that leverages Fully Homomorphic Encryption and Zero-Knowledge Proofs to enable trustless credit scoring without exposing user data
- Developed a weighted scoring framework that combines Open Banking, marketplace lending, and on-chain behavioral data to assess borrower reputation while preserving privacy.
- Proposed a native token to coordinate computation, incentivize node honesty, and manage access to encrypted user applications.
- Explored technical limitations of FHE and introduced a decentralized compute layer to offload encrypted logic execution across trusted nodes.
- Architected a decentralized marketplace connecting lenders and borrowers, including optional band-based loan pools and whitelisted secondary market trading.
- Currently working on developing the Minimum Viable Product