

Eray Acikgoz

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Date of Birth: 05.12.1998

London, UK

EDUCATION

- **Norwegian University of Science and Technology (NTNU)** Trondheim, Norway
Department of Computer Science, Master's Degree
Supervisor: Prof. Jingyue Li, Projects: PaasforChain Courses: Operating Systems, Software Security & Data Privacy, Cryptography, Int. Macroeconomics, Blockchain Technologies and Cryptocurrencies
June 2020 - Aug 2021
- **Istanbul Technical University** Istanbul, Turkey
Bachelor of Science - Financial Engineering and OR; GPA: 3.15
Bachelor's Thesis: Simulation and analysis of P2P architectures in microgrids
July 2016 - June 2020

SKILLS SUMMARY

- **Languages:** Turkish (Native), English (Fluent)
- **Blockchain:** EVM Chains (Ethereum, Avalanche, BSC, Polygon), Solana, Hyperledger Fabric, Cosmos
- **Programming Languages:** Solidity, Python (NumPy, Pandas, SciPy, Matplotlib), SQL, Go, JavaScript, MATLAB
- **Software & Tools:** MS Office, Git, Docker, L^AT_EX, SAP, Tableau, Notion, Jira, OverSim, Excelidraw

EXPERIENCE

- **Protocol Fellow** Oct 2022 - Feb 2023
Ethereum Foundation
Berlin, Germany
 - Researched and focused on PBS, MEV, Cryptoeconomics, Encrypted Mempools, Based Rollups and Mechanism Design under the mentorship of Barnabe Monnot and Alex Stokes in the Robust Incentives Group.
 - Completed the cadCAD Masterclass for comprehending Ethereum Validator Economics and analysed the EIP-1559.
- **R&D Project Engineer** Aug 2021 - Oct 2022
Faradai London, UK
 - Granted by the EU Horizon 2020 program for developing an on-chain carbon scoring, tracking, and lending protocol, RWAs in the scope of digitalization and decarbonization of the energy sector, which utilized IoT and energy intelligence.
 - Contributed to the development of ESG frameworks and strategies using our data intelligence platform.
- **Tokenomics Analyst & Researcher** Jan 2021 - June 2021
Cheyeni TV Paris, France
 - Played a key role in creating a cutting-edge Web3-VOD streaming and IP monetization platform with an innovative NFT marketplace as a founding steward at CHEYNI.
 - Designed the tokenomics, NFT launch strategy and wrote the whitepaper for the successful launch of the platform.
- **Investment Analyst** Oct 2019 - June 2020
Alarko Group Istanbul, Turkey
 - Managed and operated 3 public shares (ALCAR.IS, ALARK.IS, ALGYO.IS) by working directly with the director.
 - Focused on digital transformation and new business models, with expertise in blockchain technology as part of the 'Digital Transformation Pillar' which included executives such as the CTO and Strategic Director.
 - Created and executed data models and simulations to inform investment decisions and guide future strategic planning.
 - Launched \$30M VC fund for early-stage companies.

PROJECTS

- **EBRD & University of Cambridge - Cyber Resilience Project:** The project lays out current cyber-resilience best practices in critical infrastructures such as food, finance, energy, water, transport, health, emergency services, and telecommunications sectors. I am the team lead for Finance, Telecom, and Government.
- **NTNU PaasforChain:** Platform as Service Technologies for High performance Blockchain-based Supply Chain Management Systems. Architecture design, cryptoeconomic security and privacy, cryptography and consensus mechanism.
- **Digitalisation in Energy Sector: Digital Solutions and New Business Models:** TUBITAK International Outstanding Fellowship Programme under the supervision of Dr. Sinan Kufeoglu. Blockchain applications, P2P energy trade and smart contracts.

PUBLICATIONS AND SELECTED WRITINGS

- Understanding the Technical Aspects of Aztec 3 and Noir May 2023
- Blockchain-Based Energy Management for Supply Chains Oct 2022
Eray Acikgoz, Berrin Denizhan
- Designing the Business Ecosystem of a Decentralised Energy Datahub Jan 2022
Sinan Küfeoğlu, Eray Acikgoz, Jan Priesmann, Aaron Praktiknjo
- Aave V3 Report; Sui vs Aptos Report for Sei Network (Trading specialized L1) Sep 2022
- High-Performance Asynchronous Byzantine Fault Tolerance Consensus Protocol Dec 2021
Jingyue Li, Henrik Knudsen, PaasforChain

HONORS, AWARDS & GRANTS

- DevRel Uni program - Cohort 2
- Blockcircus, Turkey's first Blockchain Hackathon Winner & Special Award Winner (HartHouse.co) - 2018