Lukas Schmidt

Munich, Germany

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Education

Technical University of Munich

Master of Science in Informatics

Oct 2019 – Mar 2021 | Munich, Germany

GPA: 1.2/1.0 (German grading system, 1.0 is best)

Activities: Blockchain Research Group, Robotics Club, Teaching Assistant for Distributed Systems

Relevant Coursework: Distributed Ledger Technologies, Smart Contract Security, Decentralized Applications, Cryptography, P2P Networks, Game Theory, Consensus Algorithms

Ludwig Maximilian University of Munich

Bachelor of Science in Computer Science

Oct 2016 – Sep 2019 | Munich, Germany

GPA: 1.5/1.0

Work Experience

Blockchain Developer | ConsenSys | Apr 2021 - Present | Munich, Germany

- Designed and implemented smart contracts for DeFi applications using Solidity and Hardhat.

- Developed secure token bridges between Ethereum and layer-2 solutions, handling $10M+ in daily volume.

- Conducted security audits identifying critical vulnerabilities in 15+ smart contracts.

Blockchain Research Intern | Ethereum Foundation | Oct 2020 - Mar 2021 | Remote

- Researched scalability solutions for the Ethereum network, focusing on rollups and sharding.

- Contributed to open-source Ethereum clients and testing frameworks.

- Co-authored a technical paper on consensus algorithms published at a leading blockchain conference.

Skills

Blockchain: Ethereum, Solidity, Web3.js, Ethers.js, Smart Contracts, DApps

Security: Smart Contract Auditing, Formal Verification, Threat Modeling

Programming: Rust, JavaScript, TypeScript, Python, C++

Tools: Truffle, Hardhat, Ganache, Brownie, OpenZeppelin, MetaMask

Cryptography: Zero-Knowledge Proofs, Elliptic Curve Cryptography, Hash Functions

Other: DeFi Protocols, Layer-2 Solutions, Consensus Mechanisms, Tokenomics, Decentralized Governance

Certificates

Ethereum Foundation: Certified Smart Contract Developer

ZK Protocols: Zero Knowledge Proofs Specialist

ConsenSys Academy: Blockchain Developer Bootcamp

Awards

Winner - ETHGlobal Hackathon 2022 for DeFi Innovation

Best Paper Award - International Conference on Blockchain Technology

German Blockchain Association Research Grant Recipient