SIMON OSWALD

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WORK EXPERIENCE

Software Engineer | September 2022 - January 2023
Polygon | Remote
- worked on an optimistic rollup with a ZK privacy layer
- implemented ZK Proofs and backend infrastructure to support new transaction types
- stress tested and benchmarked testnet deployment

Junior Software Engineer | May 2021 - September 2022
Adjust | Remote
- worked on a highly scalable data processing pipeline using Elixir
- lead an effort to rewrite existing Elixir services in Go
- created an interface for account managers to resolve common issues without requiring developers
- implemented an automated revenue verification system that greatly reduced support requests

Software Developer | Part Time | October 2020 - April 2021
Kooku Recruiting Partners | Berlin
- built a web app (Java Spring Boot / JS) to automate customer-facing reporting
- automated the collection of key business metrics through various APIs
- visualized data in JavaScript using D3.js

Software Developer | Intern | Summer 2019
PSI Software AG | Berlin

UNIVERSITY

Bachelor of Computer Science | May 2022
Technical University Berlin
- Thesis: Analyzing HotStuff Performance Across Network Topologies
- Algorithms and Datastructures
- Blockchain Technologies (awarded as best project)
- Database Design
- Internet Multimedia Lab

TECHNICAL STRENGTHS

Technologies: Javascript, Node.js, Circom, Elixir, Go, Solidity, Python, SQL, Git, Linux

Soft Skills: product development, project management tools, remote collaboration

Spoken Languages: native German, C2 English

PROJECTS

PORT4: Plugin and Marketplace allowing users to mint snapshots of webgl worlds as NFTs. Using React, Solidity, UnityScript. Invited to ETH Denver & NFT.NYC