

HANNAH REDLER

SOFTWARE ENGINEER



Barcelona, Spain



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Full Stack Software Engineer with 8+ years experience working across both Web2 and Web3. Open source contributor and passionate about privacy-enabling technologies.

Languages: Typescript, Rust, Solidity, React, Cairo, Java, Python, SQL

EXPERIENCE

- **FREELANCE**
2023-2024 | **Software Engineer**
 - Contributed to a variety of projects in both web2 and web3
 - Worked on the creation of Dapps and developer tooling in the Polkadot ecosystem
 - Designed and developed the backend of a carbon credits marketplace
- **CONTANGO**
2022 - 2023 | **Software Engineer**
 - Developed a decentralized trading platform built on the Ethereum blockchain.
 - Created a fully responsive and reactive frontend in order to connect the user with the underlying smart contracts.
 - Developed smart contracts as well as implementing The Graph in order to index blockchain data.
- **GLOVO**
2018- 2022 | **Software Engineer**
 - Accompanied the company as it scaled from <150 employees to +4000
 - Lead the creation of new features such as an A/B testing tool, including system design, time estimation and implementation.
 - Scaled the platform, optimizing flows and migrated from a monolith to a microservices architecture
 - Developed data pipelines requiring handling heavy throughput.
 - Founded and lead the Women's ERG "GloW", organising initiatives including an internal conference for International Women's Day.
- **BARCLAYS INVESTMENT BANK**
2016 - 2017 | **Quantitative Analytics**
 - Developed stochastic regression models for the calculation of risk
 - Data collection and processing as well as analysis of the dataset and research and development of an adequate model
 - Developed the resulting models in production and created data pipelines

EDUCATION

- **2024 PRIVACY & SCALING EXPLORATIONS**
Core program on Zero Knowledge proofs, programmable cryptography, Multi-Party Computation and Fully Homomorphic Encryption, Applications in Rust and Circom.
- **2017-2018 CODEWORKS**
Full stack software engineering bootcamp focused on Javascript, Node.js, React and Angular
- **2014 - 2015 BAYES BUSINESS SCHOOL**
MSc Financial Mathematics, Grade: Distinction
Covered Stochastic Calculus, exotic options pricing, fixed income and applications using Matlab
- **2009 - 2012 UNIVERSITY COLLEGE LONDON**
BSc Statistics, Economics and a Language Grade: 2:1

VOLUNTEERING

- **2020 - MIGRACODE**
 - Lead instructor for a module on HTML and CSS for a course of 10 students.
 - 1:1 mentorship for a student requiring additional support
- **2017 - CODING CLUB**
 - Volunteered at a local London primary school teaching coding to children.
 - Developed applications using Scratch and lead classes of up to 15 pupils weekly.

LANGUAGES

ENGLISH
Native

SPANISH
Full working proficiency