



## ABOUT ME

I am an experienced, self-taught and highly driven Software Engineer on a continuous learning journey

My early specialization in Rust development, distributed systems and applied cryptography highlights my ability to adapt to a diverse and innovative software landscape



Winterthur (Zürich, Switzerland)



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## SOCIALS



**GitHub**

@jonas089

A variety of passion and open source projects, many of which are closely related to advanced Blockchain systems and novel cryptography



**LinkedIn**

@jonas-pauli



**Medium**

@jonas\_casper

Articles revolving around:

- cryptography and zk
- blockchain architecture
- applications of merkle trees

# JONAS PAULI

R&D Engineer

## EXPERIENCE

**09 / 2022 – Today**

R&D Engineer

Casper Association

- Research and Development of **Blockchain** scaling and complex privacy solutions, leveraging “**Zero Knowledge**” Cryptography
- **Architecture and Implementation** of a Zero Knowledge Blockchain Transaction Rollup system
- Development of novel finance solutions and algorithmic standards, - **proving and verifying executions** with Cryptography

**07 / 2022 - 09 / 2022**

R&D Assistant

Casper Association

- **Rust Smart Contract** development (Blockchain application development)
- Specialization in **Distributed solutions** and **applied Cryptography**

## EDUCATION

**05 / 2024 - 08 / 2024**

Zero Knowledge Graduate Program

Rareskills

- Expert level graduate education for highly specialized Blockchain engineers
- “Conquer the fearsome Math and **code Zero Knowledge algorithms from scratch**”

## PROJECTS

**Acropolis**

- ETH Berlin 2024 **Hackathon** Project: Authorized, Anonymous **Voting protocol**
- Technologies used: Rust, Risc0 **ZKVM**
- Github @cspr-rad/acropolis

**Kairos**

- Blockchain Transaction Rollup (scaling solution), also known as a “**Layer 2 zk rollup**”
- Github @cspr-rad/kairos