

# Get Senior Zero-Knowledge (ZK) Research Engineer | Senior Protocol Engineer | Rust Blockchain Developer

## SUMMARY

- Expertise in zero-knowledge proof systems including ZK-SNARK, Plonk, Groth16, and zkVM optimization for Layer 2 privacy solutions.
- Proficient in Rust blockchain development, designing high-performance node components, consensus algorithms, and secure cryptographic primitives.
- Skilled in cloud-native infrastructure automation using Kubernetes, Terraform, CI/CD, and observability with Prometheus and Grafana ensuring 99.9% uptime.
- Hands-on experience with decentralized network protocols, peer-to-peer systems using libp2p, and distributed storage architectures.
- Strong quantitative finance background with MSc in progress, combining advanced cryptography, blockchain protocols, and privacy computing expertise.

## TECHNICAL SKILLS

<b>Main Technical Skills</b>	Rust, C/C++/C#, Python, TypeScript, Solidity
<b>Programming Languages</b>	Python, Rust, Solidity, TypeScript
<b>C++ Libraries and Tools</b>	C/C++/C#
<b>AI &amp; Machine Learning</b>	Neural Networks
<b>Databases &amp; Management Systems / ORM</b>	HDFS
<b>Cloud Platforms, Services &amp; Computing</b>	AWS, GCP
<b>Azure Cloud Services</b>	Azure Blockchain
<b>Google Cloud Platform</b>	GCE
<b>Collaboration, Task &amp; Issue Tracking</b>	Atlassian Confluence
<b>BlockChain and Decentralized Software</b>	Azure Blockchain, Cryptography, ETH (Ethereum blockchain)
<b>Deployment, CI/CD &amp; Administration</b>	CI/CD
<b>Virtualization, Containers and Orchestration</b>	Kubernetes, Terraform
<b>Logging and Monitoring</b>	Prometheus

## Other Technical Skills

Circom, Consensus Algorithms, Groth16, Noir, Plonk, RISC0, ZK-SNARK, zkVM

## WORK EXPERIENCE

### Zero-Knowledge (ZK) Research Engineer | Senior Protocol Engineer | Rust Blockchain Developer - Get (zkVM Privacy Execution Layer)

**Duration:** Until 2026-04-02

#### Summary:

- Developed a private execution environment for Ethereum Layer 2 using Rust and RISC0
- The project aimed to improve proof efficiency and reduce latency for privacy-preserving transactions on blockchain networks

#### Responsibilities:

- Researched and implemented zero-knowledge proof systems for Layer 2 privacy solutions.
- Optimized zkVM performance, proof generation, and cryptographic security.
- Built high-performance blockchain node components and network stacks in Rust.
- Designed distributed systems, consensus logic, and memory-mapped databases.
- Hardened cryptographic primitives and performed security audits.
- Built and scaled cloud-native infrastructure for blockchain nodes.
- Automated deployment with Terraform, Kubernetes, and CI/CD pipelines.
- Established observability stack with Prometheus and Grafana for 99.9% uptime.
- Contributed to peer-to-peer network design with libp2p and distributed storage systems.

**Technologies:** Rust, RISC0, ZK-SNARK, Plonk, Groth16, zkVM, Circom, Noir, Cryptography, Ethereum Layer 2, libp2p, Kubernetes, Terraform, CI/CD, Prometheus, Grafana, Memory-mapped databases

## EDUCATION

- **Master of Science in Quantitative Finance, University of Ottawa**  
GPA: 3.8/4.0  
Expected Graduation: 2026

