

Yorke Rhodes IV

Exploring technical roles at companies building developer tools and infrastructure.

yorke.dev | contact@yorke.dev | [github](https://github.com) | [linkedin](https://www.linkedin.com/in/yorke) | [twitter](https://twitter.com/yorke)

Expertise: Distributed Systems, Developer Infrastructure, Reliability Engineering, Security Engineering, Formal Methods & Program Verification, Technical Leadership

Languages: TypeScript, Rust, Go, Solidity, C++, Python

EXPERIENCE

Hyperlane

New York City

Founding Engineer

Apr 2022 to Jun 2026

Designed, built, and operated the Hyperlane protocol: security-critical infrastructure for moving data and assets between blockchains. Provided technical leadership to 6+ engineers across protocol and developer experience teams, delivering the core protocol, TypeScript SDK, deployment CLI, and partner APIs for products including Velodrome's privacy-preserving cross-chain swaps. Scaled to 200+ chains and 7+ VMs, maintaining production reliability through on-call rotations and incident response. Over 4 years, processed \$10B+ with zero critical hacks and reached #1 among cross-chain bridges by deposited assets on DefiLlama.

Spearbit

Remote, Part-Time

Security Researcher

Apr 2023 to Jun 2026

Audited smart contracts across DeFi and Proof of Stake protocols including Eco stablecoin, Symbiotic restaking, and Royco. Reviewed Solidity and Solana programs for security vulnerabilities and incentive flaws.

Gauntlet

San Francisco

Smart Contract Engineer

Dec 2021 to May 2022

Designed and built Aera Finance, Gauntlet's first on-chain protocol: a risk-aware treasury management solution adopted by Compound and Uniswap. Manages ~\$150M in assets and generates ~\$5M in annual fees.

Celo

San Francisco

Partner, Smart Contracts Lead

Apr 2019 to Dec 2021

Led production smart-contract development for stablecoin, identity, and governance systems. Established a security-first release process with OpenZeppelin audits and Certora formal verification. Built the first production Coinbase Rosetta implementation for custody and exchange infrastructure. Built Proof of Stake validator and slashing logic; improved stablecoin oracle efficiency and identity protocol privacy.

IBM

New York City

Software Engineer, Blockchain Garage

May 2018 to Aug 2018

Built the IBM Blockchain Starter Kit, an open-source scaffold for Hyperledger applications with build, test, and deploy tooling for Go and Node.js. Shipped a CLI that streamlined the developer onboarding experience.

ConsenSys

New York City

Software Engineer

Jun 2016 to Aug 2017

Built the first Token Curated Registry (adChain), a decentralized whitelist of trusted advertisers for web publishers. Shipped a reusable ERC20 voting standard with partial locking and commit-reveal scheme. Developed Proof of Physical Address, an early smart contract protocol for automated mailing address verification using secrets sent via physical mail.

EDUCATION

Rice University

Houston

Student, Faculty Instructor, Founder of Rice Blockchain

Sep 2016 to May 2020

Taught two semesters of a full-credit blockchain course at the CoFES Institute alongside Professor Manolo Sanchez of the Jones Graduate School of Business. Magna cum laude, President's Honor Roll. Coursework in Compilers, Operating Systems, High Performance Computing, Secure Cloud Computing, and Formal Methods. Research on using software-defined networks to accelerate distributed consensus. Founded and led 50+ member student organization for blockchain education and development. Organized workshops, hosted Houston Ethereum Meetup, and established industry partnerships.

Bronx Science

New York City

Student, Robotics Lead

Sep 2012 to May 2016

Led FRC robotics team, implementing PID motor controls and computer vision. Established Java, SolidWorks, and Eagle CAD bootcamps. Honor Roll and National Honors Society.

SELECTED TALKS

[ETHCC Restaking Day: Managing AVS Risks](#)

Aug 2024

[ETH Denver: interoperability for rollups and the modular blockchain stack](#)

Mar 2023

[Hack VC Whiteboard Sessions: Episode 1 with Hyperlane](#)

Fall 2024