

# Emery Rose Hall

Software Engineer / Security Researcher

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## PROFILE

Seasoned software engineer and security researcher specializing in peer-to-peer protocols, distributed ledger technology, applied cryptography, and anonymizing systems. Human rights and privacy activist and author of ORC, Kadence, Granax, and many others.

## WORK EXPERIENCE

### Least Authority

*Security Researcher, 2017 - Present*

- ▶ Contributor to the Tahoe-LAFS free software project
- ▶ Security auditor for various blockchain and DLT projects

### Verady

*Technical Advisor, 2017 - Present*

### Fluence Labs

*Technical Advisor, 2017 - Present*

### Phantasma

*Technical Advisor, 2018 - Present*

### Chia Network

*Senior Software Engineer, 2018*

- ▶ Research and development of the Chia networking and peer protocol

### Storj Labs

*Lead Engineer, 2015 - 2017*

- ▶ Research and testing related to distributed system design
- ▶ Key contributor to the Storj whitepaper (version 2)
- ▶ Authored the Storj protocol and the core library that implements it
- ▶ Community leadership support, developer presense and engagement
- ▶ Core maintainer of many free software packages
- ▶ Hiring, onboarding, and support of the engineering team
- ▶ Evangelism, speaking engagements at LibrePlanet and NodeSummit

### ChangeTip

*Senior Software Engineer, 2015*

- ▶ Developed key components of a social bitcoin micropayments platform
- ▶ Coordinated with partners on technical integration

### BitPay

*Product Development Team Lead, 2013 - 2015*

- ▶ Leadership of the engineering team responsible for research and development projects
- ▶ Developed critical features for the first bitcoin payment processing platform for merchants
- ▶ Authored and contributed to many free software projects
- ▶ Speaking engagements at ConnectJS and Atlanta Node.js Meetups

## **SKILLS**

Node.js/JavaScript

Rust

Python

C++

MongoDB

Docker

Git