

+ Gordon Hall

Software Engineer, Security Researcher

Download PDF

gordon@leastauthority.com

Profile

Senior software engineer and security researcher specializing in peer-to-peer protocols, distributed ledger technology, applied cryptography, and anonymizing systems. Free software activist and author of [Kadence](#), [ORC](#), [Granax](#), and [many others](#).

Technical

Node.js/JavaScript
Rust
Python
C++
Electron
Shell
MongoDB
LevelDB
Docker
Git

Experience

Least Authority

Security Researcher, Software Engineer

2017-Present

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

Chia Network

Senior Software Engineer

2018

Research and development of the Chia networking and peer protocol.

Storj Labs

Software Engineering Lead

2015-2017

Performed extensive 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 presence 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 integrations. Company later acquired by AirBnB.

BitPay

Software Engineering 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 (which is still the leading provider). Authored and contributed to many free software projects. Speaking engagements at ConnectJS and Atlanta Node.js Meetups

Advisory

Iagon

Technical Advisor

2018-Present

Phantasma

Technical Advisor

2018-Present

Verady

Technical Advisor

2017-Present

Fluence Labs

Technical Advisor

2017-Present

Counterpoint Hackerpace

Co-Founder, Director

2015-Present

Gordon Hall — <https://gitlab.com/bookchin>
