

Education

Ramapo College of New Jersey, May 2018 - Bachelor of Science, Computer Science

Technical Skills

- Languages: Go, PHP, C++, Python, SQL, Solidity, JavaScript, Lisp, Java
- Technologies: Linux, Bitcoin, React, Docker, Git, hardware security modules
- Analytics: Excel, Cohort Analysis, A/B Testing

Accomplishments & Projects

- Hackathon winner at 2017 Distributed: Health (Grand Prize: \$10,000). Backend developer responsible for developing smart contract. (devpost.com/software/mercantis)
- Worked on wallet for HotMesh - a Miami Bitcoin Hackathon project that allows the user to sell a fraction of their cellular data through a captive hotspot in exchange for bitcoin. (github.com/MangoSalad/HotMesh)
- Developed university project called Atlas that is a desktop Bitcoin wallet with a focus on smart contracts.
- Organized the 2016 Tech Freedom Conference at New York University and engaged 100+ students about privacy, security, and cryptocurrency technology.
- Served as the project lead on in-house lead generation tool that has generated \$240K in gross bookings in less than a year. Technical problem-solving included PostgreSQL, Python web-crawling frameworks, and Node.JS.

Core Developer at BITMAIN - BTC.com | July 2018 – Present

Amsterdam, Netherlands

The BTC.com brand is a part of Bitmain Technologies, the world's most valuable bitcoin company. BTC.com offers a trusted multi-currency wallet, the world's most powerful mining pool, API and blockchain explorer.

- Part of team that makes products that require on-chain development including the Bitcoin, Bitcoin Cash, and Ethereum blockchains. Particular focus on the BTC.com multisignature Bitcoin wallet.
- Implementing open-source Bitcoin improvements and standards to the BTC.com mobile and web wallet.
- Developed backend indexer for account-model based blockchains including Ethereum and the Rootstock sidechain. Written in Go and uses rabbitmq, redis, and protocol buffers.
- Closely work with transaction signer. Received training from Utimaco in administration of hardware security modules. Signer is responsible for cryptocurrency transactions in multisignature scheme.
- Writing integration and unit tests for backend wallet services, developer dashboards, and SDKs.

Data Analyst at HYPR | January 2016 – May 2018

New York, New York

HYPR's influencer marketing platform is the world's largest influencer discovery and directory tool, housing detailed audience demographics for over 10 million influencers globally.

- Technical Lead on web indexing project that involves data mining on social media networks with multiple entry points. This project uses a python framework and PostgreSQL.
- Developed an internal NodeJS web application that optimizes the sales funnel by providing sales team ability to query data points related to CRM.
- Proposed and created internal account management dashboard to track client usage and events. Dashboard provides weekly usage, detailed report on client activity, cohort analysis, and insights into trends. Analyzed data viewed by senior management. Responsible for A/B testing and measuring KPIs.

Other Relevant Interests

- Worked as Sponsorship Executive at d10e selling over \$7,000 in sponsorship packages for bitcoin events.
- Served as the North American Executive Board Member at Students For Liberty – a nonprofit hosting events and conferences that teaches students classical liberal ideas.
- Mentor at Bitcoin Hackathon Amsterdam as part of Permissionless Ventures program. (hackathon.cash)
- Speaker at Advancing Bitcoin Conference in February 2019. (advancingbitcoin.com)
- Founded Amsterdam Bitcoin Developers Meetup. (meetup.com/Amsterdam-Bitcoin-Devs)