

HOSSEIN MOHEBBI

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EXPERIENCE

BitGo / Software Engineer

📅 Jan 2023 – Apr 2023

- Led the unstaking service development for Ethereum wallets, ensuring timely support for the Shapella Hard Fork; Demo 📺
- Enabled a strategic partnership with the Binance Foundation to onboard 1,000 validators, facilitating the staking of \$100,000,000 with the company

Amazon / Software Dev Engineer

📅 May 2022 – Aug 2022

- Owned and managed the end-to-end design of a Java package that impacts the creation of all future AWS regions in terms of cost, delivery and customer experience
- Deployed a zero-touch automation for building the admin database of every Relational Database Service (RDS) at Amazon, reducing the 2-day manual build to 40 minutes

StackAdapt / Software Engineer

📅 Jan 2022 – Apr 2022

- Developed a Rails backend service to create and manage admin roles with their permissions
- Spearheaded various front-end initiatives including the integration of a GraphQL code generator
- Practiced test-driven development to improve code coverage to 97%

ApplyBoard / Software Engineer

📅 Sep 2020 – Apr 2021

- Implemented a complex Eligibility API that queries a MySQL database for student eligible programs based on 20+ factors, enhancing search engine filters and app payment authentications
- Auto-rendered custom certificates for Recruitment Partners in Rails
- Wrote and tested several REST API endpoints using Ruby on Rails Rspec to check CRUD operations

IBM / Full-Stack Developer

📅 Jan 2020 – Apr 2020

- Used Watson Speech Synthesis API to announce global threats for QRadar (IBM Security Analytics)
- Localized multiple extensions to support 9+ locales in 170+ countries
- Migrated 30+ React Components to the new Carbon Design System

High Q / Software Developer

📅 May 2019 – Aug 2019

- Designed GUI models in PyQt to control and monitor quantum computing experimental hardware
- Built a low latency multi-threaded backend to pipeline serial messages to and from research devices
- Solely developed a quantum mechanics simulator to parse inputted pulse readings and display computed analytics using NumPy, SciPy and Matplotlib; open sourced on GitHub 📺

EDUCATION

University of Waterloo

📅 2018 – 2023

Bachelor of Computer Science

GPA: 3.9

- Dean's Honours List
- President's Scholarship of Distinction & Research Award
- Human Computer Interaction Option

VENTURES

EarPiece 📺 Co-Founder

Harvard Innovation Labs

📅 Mar 2023 – Oct 2023

- Created an AI-driven Chrome Extension to offer personalized, real-time feedback for virtual meetings, improving overall communication and aiding in Q&A
- Iterated testing with over 100 students from Harvard, MIT, UWaterloo and UofT

BlockShare Co-Founder

Harvard Innovation Labs

📅 Apr 2022 – Nov 2022

- Founded a SaaS startup to give businesses a new funding model by converting their equity into NFT security tokens

Kapital 📺 Co-Founder

📅 Aug 2021 – Mar 2023 (Acquired)

- Launched a consulting company to aid 2,000+ day-traders on NFT investments
- Created proprietary technology and internal tools to analyze data points on emerging crypto trends

PROJECTS

trEcho 📺 UOttHack (Winner)

📅 Feb 2020

- Developed a skills app in AWS Lambda to track packages using Amazon Alexa
- Leveraged Google Maps API and lat/long calculations for a 94% accurate parcel location and ETA estimation algorithm

ACHIEVEMENTS

- Hack the North Finalist (2019)
- Top 25% on Euclid Math Contest (2018)
- Ranked 2nd in Canadian Senior Mathematics Contest (2017)
- Attended the Quantum Cryptography School for Young Students (2017)

SKILLS

Python	Java	C/C++	JavaScript
Kotlin	SQL	Node.js	React.js
PyTorch	Ruby on Rails	TypeScript	
Solidity	HTML/CSS	AWS	Git