

Mark Hunter

SOFTWARE ENGINEER

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Education

Northeastern University | Boston, MA

May 2020

B.S. IN COMPUTER SCIENCE AND COMPUTER ENGINEERING

3.99 - Summa Cum Laude

- *Coursework:* Compiler Design, Programming Languages, Software Development, Object-Oriented Design, Artificial Intelligence, Robotics Sensing and Navigation, Networks and Distributed Systems, Computer Systems, Digital Logic and Computer Organization, Algorithms, Linear Systems, Calculus 3, Diff. Equations and Linear Algebra
- *Extracurriculars:* NUacm, NU Tau Beta Pi, College of Eng. Peer Mentor, NUHKSA, IEEE

Skills

Programming JavaScript, TypeScript, Java, Python, HTML CSS, C++, C, Racket/Scheme

Technologies Node.js, Spring MVC, PostgreSQL, DynamoDB, Serverless, React, AngularJS, Vue.js, AWS, Git, JUnit, Jest, POSIX

Experiences

Certain Lending

San Francisco, CA

FULL STACK SOFTWARE ENGINEER

Jul. 2019 - Present

- Engineering on a two-tiered stack consisting of TypeScript, Node.js, Express and PostgreSQL backend with a Vue.js front-end working at a real-estate financing fintech startup
- Developed technical systems and standards for processing and storage of personally identifiable information (PII) across the stack
- Built integrations with services such as TransUnion and Plaid to automate and organize the underwriting process
- Lead engineer on a cross-functional technical and business team responsible for enhancing mortgage brokering, servicing and application user-interfaces, work-flow management software, and operational processes
- Architected a task management dashboard and associated training which provided insight to managers of workloads and statuses of mortgages in the pipeline

Amazon

North Reading, MA

AMAZON ROBOTICS FULL STACK SOFTWARE ENGINEER CO-OP/INTERNSHIP

Jul. - Dec. 2018

- Created web-based tools that saved Amazon time/money by providing insight of warehouse floor health through developing metrics, visualizations and instantaneous alerting
- Performed full-stack web and service development leveraging frameworks such as AWS, AngularJS, Guice, and Spring MVC on a small fast-moving agile team
- Enhanced code quality by increasing test coverage of a key package by 3X, providing code reviews, and refactoring existing code

Vicor

Andover, MA

VI CHIP APPLICATIONS ENGINEER CO-OP/INTERNSHIP

Jan. - Jun. 2017

- Developed hardware test plans and automated them with Python resulting in an over 10X speedup
- Collaborated with a top tier customer performing research of Vicor's data-center power product on the client's application
- Performed system level validation of multiple powertrains bench-marking control, telemetry, efficiency and thermal conditions

Honors & Awards

Apr. 2020 **Capstone Winner** Built a VR PCB CAD software to visualize complex circuits

Apr. 2017 **MIT Connected Care Hackathon** Placed top 5 with simulated AR heads up display

Interests

Automation, Programming Languages, Distributive Computing, Traveling, Biking