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

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