Mark Hunter

Software Engineer

(603) 498-3082 | markhunter2005@gmail.com | mark5595.github.io

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, Queuing Services, Memcached

Experiences

Certain Lending — *San Francisco, CA*

Full Stack Software Engineer — *Jul. 2019 - Present*

- Engineered on a two-tiered stack consisting of TypeScript, Node.js, Express and PostgreSQL backend with a Vue.js front-end at a real-estate financing fin-tech start-up
- Developed technical systems and standards for processing and storage of personally identifiable information (PII) across the stack enabling secure management of our user's data and downstream software automation
- Built integrations with services such as Very Good Security, TransUnion and Plaid - empowering quicker and more reliable underwriting
- Lead engineer on a cross-functional technical and business team responsible for core design decisions, building consensus, planning and writing tickets for myself and other engineers
- Promoted agility and greater team velocity through embracing scrum, daily releases, abstractions, and better testing creating
- Adapted our single tenant application to a multi-tenant white-label application enabling the business to rapidly scale

Amazon — *North Reading, MA*

Amazon Robotics Full Stack Software Engineer Co-Op/Internship — *Jul. – Dec. 2018*

- Constructed web-based tools that saved Amazon time and money - providing insight of warehouse floor health through developing metrics, visualizations and instantaneous alerting
- Worked on instantaneous alerting of floor health leveraging technologies such as message queuing services and Memcached to signal issues before they significantly deteriorated floor health
- Enhanced code quality by increasing test coverage of a key package by 3X, providing code reviews, and refactoring existing code

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