

# Mark Hunter

SOFTWARE ENGINEER

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## Education

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**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

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**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

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**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 API integrations with services such as Very Good Security, TransUnion and Plaid - empowering quicker and more reliable underwriting
- Lead engineer, epic owner on a cross-functional technical and business team responsible for core design decisions, building consensus, planning and writing tickets for myself and other engineers
- Managed department syncs with operations depart to understand impact of requests and share engineering progress towards features sharing insight to what work to take
- Engaged with leadership to prompt engineering values, order epic work and create a recruiting pipeline
- Promoted agility and greater team velocity through embracing scrum, daily releases, abstractions, and better testing resulting in higher engineering efficiency
- Adapted our single tenant application to a multi-tenant white-label application enabling the business to rapidly scale with partner deployments
- Onboarded engineers and ran interview process to recruit new engineering hires, ensuring we hire the best talent

**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

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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

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Automation, Programming Languages, Distributive Computing, Traveling, Biking