Mark Hunter

SOFTWARE ENGINEER

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Summary

Full stack developer with 3+ years of experience writing scalable, manageable, and high quality code that improves product functionality and user-experience. Expertise in cross-functional project management balancing technical and product priorities.

Education

Northeastern University | *May 2020*   *Boston, MA*
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

Experience

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 (JavaScript) 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), enabling secure management of user data and downstream software automation
- Empowered secure, quicker and more reliable underwriting by utilizing services such as Very Good Security, TransUnion, and Plaid to build API integrations to the platform
- Acted as Lead Engineer on a cross-functional technical and business team by building consensus, prioritizing projects, and determining core design decisions
- 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 the single tenant application to a multi-tenant white-label application where each tenant partner has sandboxed portals to manage and customize enabling the business to rapidly scale
- 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 such as message queuing services and Memcached to provide insight into warehouse floor health, saving time and money by developing metrics, visualizations, and instantaneous alerting to signal issues that saved Amazon time and money - providing insight into warehouse floor health through developing metrics, visualizations and instantaneous alerting
- Enhanced code quality by increasing test coverage of a key package by 3X, providing code reviews, and refactoring existing code

Honors & Awards

Apr 2020   **Northeastern 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