Mark Hunter

SOFTWARE ENGINEER

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Summary _____

Full-stack developer experienced in 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 with 3+ years of experience.

Education _____

Northeastern University | *May 2020*   *Boston, MA*
B.S. IN COMPUTER SCIENCE AND COMPUTER ENGINEERING   **Summa Cum Laude: 3.99**

- *Extracurriculars:* NU ACM, NU Tau Beta Pi, College of Eng. Peer Mentor

Relevant Coursework

- *Computer Science:* 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
- *Math:* Linear Systems, Calculus 3, Differential Equations and Linear Algebra

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

Professional 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) frontend – built out a core API service with Borrower, Partner, and Internal Loan Operating System portals to achieve business goals for more efficient loan process resulting in greater GMV
- Optimized and analyzed queries to reduce timeouts and improve efficiency reducing end-user time and bugs
- 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 more secure, reliable, and speedy underwriting by utilizing services such as Very Good Security, TransUnion, and Plaid to build API integrations to the platform technologizing once complex manual workflows into 1-click actions
- Acted as Lead Engineer on a team of 4 as part of a cross-functional technical and business team by building consensus, prioritizing projects, and determining core design decisions
- Promoted agility and greater team velocity by embracing scrum, daily releases, abstractions, and better testing, improving overall team operations, reducing downtime, and minimizing bugs
- Adapted the single-tenant application to a multi-tenant white-label application where each tenant partner had sandboxed portals, with their own borrowers and internal users, to manage and customize, enabling the business to rapidly scale business without the need for a large sales team

Amazon *North Reading, MA*
AMAZON ROBOTICS FULL STACK SOFTWARE ENGINEER CO-OP/INTERNSHIP *Jul – Dec 2018*

- Constructed web-based tools that used message queuing services and Memcached to provide insight into warehouse floor health by developing metrics, visualizations, and instantaneous alerting to signal issues before causing large scale problems saving time and money for Amazon
- Enhanced code quality by providing code reviews and refactoring existing code, increasing test coverage of a key package by 3X
- Performed full-stack web and service development leveraging frameworks such as AWS, AngularJS, Guice, and Spring MVC on a small fast-moving agile team to automate support for Amazon warehouse floors

Honors & Awards

April 2020 **Northeastern Capstone Winner** Built a VR PCB CAD software to visualize complex circuits
April 2017 **MIT Connected Care Hackathon** Placed Top 5 with simulated AR heads-up display

Interests

Automation, Programming Languages, Distributive Computing, Traveling, Biking