Megan Lau

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EDUCATION

Northeastern University   Boston, MA
Bachelor of Science, Computer Science   Expected May 2021
LEADERSHIP: President of Asian Student Union, VP of Kappa Phi Lambda, Amabassador for TechTogether   GPA 3.47 / 4.0

EXPERIENCE

Frontend Software Engineer Intern   Jun 2020 - Aug 2020
Mark43   New York City, NY

- Led and developed project to significantly shorten the time it takes to dispatch police units by 40% by condensing data into a single view using React
- Implemented time expiration data into Computer Aided Dispatch details for Police in React to decrease expired cautions by 80%
- Enhanced frontend UI for satellite map and bugs from customer requests

Associate Product Manager   Jan 2020 – May 2020
CameraIQ   Santa Monica, CA

- Increased efficiency of Customer Success team by 35% after building Operations Manager, which allowed reps to manage troubleshooting and user profile settings
- Improved Customer Success's data analytics in Tableau by reducing the work time by 4 hours
- Produced initial wireframes in Adobe XD and wrote product requirements for Publish Manager

Software Engineer Co-op   Jan 2019 - Aug 2019
MineralTree   Cambridge, MA

- Developed Branding Microservice API to support internationalization and brand customization per each instance bank client using Java, JOOQ, AKKA HTTP, Python, Groovy, CSS, Kubernetes, Docker, Postman, and JSON
- Refactored legacy authentication service to access multiple databases using Hibernate, Java, Tomcat7, and testing with Junit5
- Designed database schema and created a transfer tool to to move over 100,000 customer records using MySQL and Python

IT Engineer Co-op   Jan 2018 – Jun 2018
The TJX Companies Inc.   Marlborough, MA

- Created a proof of concept for Secure DevOps Pipeline using Jenkins, SonarQube, JFrog lll Artifactory, GitHound and Azure
- Created proof of concept for Master Data Management to automatically deploy Java programs using Agile, Jenkins and Java
- Managed data queries from Legacy system to Oracle databases using SQL
- Initiated and managed Scrum and Kanban planning at daily standups

PROJECTS

Tsuro Game   Sep 2020 - Dec 2020

- Managed 4 developers to build a distributed implementation for the server and client side of Tsuro game over web sockets
- Implemented the GUI of Tsuro game using Python's Tkinter library

Women Wage Gap   Mar 2019

- Analyze data collected from the Uk to provide insights and correlations using Tableau, HTML/CSS, SQL
- Winner of the hacakthon for the Boston Women's Council competition

Animation MVC   Jan 2019 - May 2019

- Implemented the game structure using the Model View Controller design with features like pause, fast-forward, print on a scalable approach
- Created moving drawings by using Java Swing library for user-interface input

LANGUAGES | Java, SQL, Python, HTML/CSS, Javascript, Node.js, Bootstrap, Git
CERTIFICATIONS | Lean Six Sigma, A+ Technician, Oracle SQL, Microsoft Specialist(Excel VlookUp/Pivot Table, Outlook, Word)
PRODUCT MANAGEMENT | Jira, Trello, Tableau, Adobe XD, Agile