Jason Li

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EXPERIENCE

Amazon   June 2020 – Present
Software Development Engineer   Seattle, WA

- Develop React and AngularJS tools used by associates to manage in-store inventory for all Amazon physical retail stores as well as Java AWS Lambdas and services to support those tools
- Coordinate efforts between multiple tech and product teams as the implementation lead for associate tools in Amazon Style's customer fulfillment processes
- Led the design and implementation of a project to support a new item identifier type for in-store tools, expanding catalog selection in physical stores by an order of magnitude
- Acted as the main point-of-contact for Whole Foods to support features in associate tools needed to on-board all 500+ stores onto Amazon's inventory management system
- Ensured security compliance for third-party usage of associate tools to enable Starbucks Pickup with Amazon Go
- Saved 10 monthly midnight developer hours and reduced deployment time by 80% by establishing per-tool CICD deployment pipelines with automated regression testing

Purdue University   Jan 2019 – Dec 2019
Undergraduate Researcher   West Lafayette, IN

- Assisted in developing a cloud-based supply chain and patient management system for Ugandan hospitals
- Automated the generation of government-mandated reports and supply requisition requests, saving 60 hours of manual effort every month per hospital and eliminating the possibility of human data recording errors
- Reduced wastage of perishable supplies by 15% by facilitating easier inventory sharing between hospitals and providing insight into inventory trends

Deloitte   June 2019 – Aug 2019
Technology Consulting Intern   Chicago, IL

- Assisted with creating $3M in yearly benefits by migrating from an on-premise data system to a cloud-based system
- Increased data accuracy by 15% and reduced data processing time by 80% by optimizing SQL queries to pull on-premise information

USAA   May 2018 – Aug 2018
Software Engineering Intern   Plano, TX

- Improved employee computer provisioning throughput by 60% with the creation of an automated dashboard showing the provisioning status of each machine and the computer's physical location on a configurable 2D grid

Toyota Industrial Equipment Manufacturing   May 2017 – Aug 2017
Software Development Intern   Columbus, IN

- Reduced emergency part orders by 30% by creating a part delivery look-up screen for manufacturing associates
- Prevented 20% of assembly line stoppages by creating a dashboard to coordinate manufacturing schedule changes
- Developed a community engagement calendar for HR to improve discoverability of social and volunteering events

EDUCATION

Purdue University   Aug 2016 – May 2020
B.S. Dual Degree in Computer Science and Industrial Engineering   GPA: 3.98/4.00

SKILLS

Languages : JavaScript, TypeScript, SQL, Python, C++, Java, HTML/CSS, PHP, Ruby, C#, MATLAB
Frameworks/Tools : AWS, Git, React, React Router, Redux, AngularJS, Jest, Karma, Jasmine, JUnit, Agile, SAFe