ASHKAN FAGHIHI

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EDUCATION

University of California, Los Angeles   **March 2021**
Bachelor of Science in Computer Science

TECHNICAL SKILLS

JavaScript • TypeScript • NodeJS • ReactJS • React Native • VueJS • Node.js • Express • Java • REST • Git • Jira

PROFESSIONAL EXPERIENCE

Pullscription LLC   **June 2021 – Present**
Fullstack Engineer, Co-Founder   *Vue, Python, TypeScript, Express, MySQL*
- Designed a responsive website for comic book store owners using mobile-first principles with VueJS, Bootstrap, and CSS
- Architected data ingestion pipelines to handle ~10K/month comic book data entries from major publishers
- Mentored team of 4 junior developers to build administrative facing tools to assist comic store owners to manage customer data
- Constructed 70% core code test coverage for medium scale data intensive application with ExpressJS and MySQL for backend

Navis LLC   **August 2021 – January 2023**
Software Engineer, Test Automation   *Java, MSSQL, Groovy, Agile*
- Decreased scheduler runtime by 50% while reducing the hardware footprint for crane related scheduling by 50%
- Eliminated 1000+ unnecessary truck trips for shipping terminals through upgrading scheduling algorithms
- Created CLI to simplify development environment builds and reduced startup by 50%
- Improved test automation coverage for customer-specific apps using Groovy while enhancing proprietary automation framework

HRL Laboratories   **May 2020 – September 2020**
Software Engineer Intern   *Python, Haskell, PyQt5*
- Developed communication interface to allow transactions between critical modules by using ZeroMQ and Google Protobufs
- Researched and implemented a task-embedding language using Python to interact with a predictive AI component
- Simplified UI designs to better display results of machine-learning agents on small screen device using PyQt5

Giftz   **September 2019 – November 2019**
Software Engineer Intern   *Java, Android, MVVM*
- Revamped mobile application for fast-paced startup which was awarded Pepperdine Business' 19-20 most fundable company
- Decreased redundant code by 10% and increased maintainability by utilizing MVVM architectural pattern
- Redesigned UI to be more intuitive and minimal while maintaining 20K+ line Java codebase

SOFTWARE PROJECTS

Fork and Spatula   **LA Hackathon**
Lead Backend Engineer   *Javascript, React.js, Express, MongoDB*
- Built health-centered web application using React.js to generate meal plans that adheres to health goals and dietary restrictions
- Engineered algorithms to optimize meal plans in cost efficient manner using ExpressJS and Mongoose backend

BR3W   **UCLA Creative Labs**
React Native Developer   *React Native, Javascript, SQL*
- Manufactured coffee machine from scratch with companion mobile application
- Led four-person project development team with prior React Native experience to develop minimum viable product
- Presented handmade coffee machine with mobile application for UCLA Creative Labs with an audience of 100+ people