Arash Nabili

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EDUCATION

University of California, Irvine

Master of Science, Computer Science   Completed: June 2018
      GPA: 3.9

Bachelor of Science, Computer Science and Engineering   Graduation: June 2016
      GPA: 3.9, Dean's Honors List for 8 quarters

SKILLS

Programming languages: Java, C#, C, Python, Scala, JavaScript
Platforms and frameworks: Spring Boot,.NET, Kubernetes, Android, Web (frontend, backend), Apache Spark, Linux

EXPERIENCE

Software Engineer

My Car Auction   July 2021 - Present
- Rewrote the backend for the mycarauction.com web app to make the application more robust
- Developed the backend for a lead management system used by My Car Auction and other car dealerships
- Developed the backend for a car marketplace software, with features to place an offer and accept offers
- Worked on various other projects such as web scraping and automation
- Assisting team members, and providing technical support to business team and dealerships

Software Developer II

iHerb LLC   April 2020 - July 2021
- Implemented a revised ranking method for product result pages
- Performed exploratory data analysis to look for relationship between customer shopping patterns and product attributes (e.g. product category)
- Migrated the company's Apache Solr instances to Kubernetes clusters for elasticity
- Added APIs and functionality to the company's backend service for searching products

Software Engineer

Levyx, Inc.   January 2019 - February 2020
- Developed parallelized application code for Xenon, Levyx's high-performance distributed data store
- Implemented a financial algorithm for efficient processing of large tick data sets, using Spark and Xenon
- Updated and maintained spark-xenon, a Spark connector that accelerates DataFrames using Xenon
- Updated and maintained heliumdb, a Python dictionary backed by Helium, Levyx's fast key-value store

Android Developer

Radio Javan, Inc.   October 2016 - January 2019
- Rewrote the Radio Javan Android app to use standards-compliant app architecture and UI design in order to improve user experience
- Added support for new features and platforms, including Google Cast, Sonos, and Android Auto

Engineering Intern

SpaceX   June 2018 - September 2018
- Developed a web portal for visualizing QIP (Quality of IP) statistics (code coverage, regression test results, JIRA issues, code check-ins)
- Created a test suite for verification of satellite modem chip design on FPGAs

Software Development Engineering Intern

Amazon, Inc.   June 2017 - September 2017

- Designed and implemented a web-based tool to manage automatic app entitlements for the ADG (Amazon Digital Goods) team

Teaching Assistant

University of California, Irvine   Fall 2016 - Spring 2018
- Teaching assistant for 5 quarters

Graduate Student Researcher

University of California, Irvine   Fall 2017

Co-PIs: Heidi Hardt (UC Irvine), Amy Erica Smith (Iowa State University)
- Built a website for searching citations in syllabi for graduate courses