

Adam Morishita

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EDUCATION

California State University Northridge
Bachelor of Science, Computer Science

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SKILLS

Languages:

- JavaScript, Python, SQL, Java, C++, HTML CSS

Frameworks:

- Vue.js, Express, Flask, Django, Bootstrap, Bulma

Technologies, Tools, and Libraries:

- Node.js, MongoDB, Git, Selenium, Postman, Chai, Mocha, Microsoft SQL Server

EXPERIENCE

Pepperdine University

03/2020 - Present

Webmaster

- Developed an improved version of research initiative's website, using JavaScript and Vue.js, recreating all of the functionality while converting it into a single page application (SPA) format. reducing page load time significantly.
- Integrated website with a headless content management system (CMS) that allowed researchers to create dynamic content that was immediately served.
- Developed internal web application using Vue.js, Node.js, and Express with a MySQL database for use by researchers to manage research data.
- Scraped thousands of webpages from the internet for sentiment data and converted them into easily consumed format for research, saving hundreds of hours of manual collection time.
- Administered, supported, and monitored databases by proactively resolving database issues and maintaining servers.

HushHush

08/2019 - 02/2020

Software Developer Intern

- Created modules to expand functionality of costumer facing webpage in .NET with new T-SQL stored procedures to facilitate user email domain management.
- Met with senior software developer on weekly basis to provide detailed project report and milestone updates.
- Partnered with company mentor to learn best practices in software design.
- Participated in collaborative software design and version management using Azure DevOps and TFVC.

META + LAB

04/2019 - 08/2019

Web Development Intern

- Developed web scrapers in Python using Selenium for use in internal application.
- Performed data post-processing and cleaning using the Python data manipulation library Pandas.
- Developed a REST API in Python using Flask and SQLAlchemy to service a large dataset for use in an existing software product.

PROJECTS

Senior Capstone

- Acted as a full stack web developer on a team to create a web application using Vue.js and Django (later refactored to Flask) servicing academic researchers by offering research summarizations and data visualizations about their research as well as making researchers searchable by keywords related to their research.
- Wrote web crawlers to use entirety of university faculty as basis and inserted into AWS RDS database and deployed.

Mobile Computing

- Developed a series of mobile applications written in Java in Android studio that leveraged localization, device sensors, and facial detection.