Carlos Benavides

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Summary

Computer Engineering student with a background in backend development, seeking opportunities to further my knowledge in software development.

Work Experience

META+LAB

July 2018 - Present

Project: OPGalpha   January 2019 – Present

Web application that serves as a tow management system to track tow and driver status in real time.
- Applied code modifications for enhancements to meet customer needs.
- Leveraged knowledge in Event Sourcing and Domain Driven Design to maintain system architecture.

Project: CalStatePays.org   August 2018 – Present

Web application that displays financial and industry information based on a degree and CSU.
- Normalized over 60 thousand industrial records by co-creating a python script, resulting into a 5x speed improvement to seed the database.
- Re-factored the database design and improved query efficiency with eager loading.
- Developed RESTful api's, unit and integration tests.

Personal Projects

UCLA's LA Hacks, Scraps.ml   March 2019

Created a pollution heat map with the use of Google's Map and Cloud Vision API.

Reminders   March 2019 - Present

A cross platform mobile application that allows users to write tasks and select a time to to be reminded.
Currently in development using React-Native and Django. Available for download in the play store.

FeedMe!   March 2019 - Present

Web application that finds a random restaurant around a user's area. Currently in development using VueJS, and Django.

Education

Major: Computer Engineering

California State University, Northridge
- GPA: 3.23
- Minor: Computer Science
- Expected Graduation in Spring, 2020

Other Education
- Machine Learning - Coursera

Technical Skills

Programming Languages:	Java, Python, JavaScript, PHP, SQL, HTML/CSS
Frameworks/Libraries:	Laravel, Django, Pandas, Vue.js, React-Native
Development:	Agile/Scrum, JIRA, Git, Docker, Unit Testing, MySQL

Activities

Pathfinder Outreach Program   January 2019 – Present

Assisted in teaching students the basics of web development.

Association for Computing Machinery (ACM) – Member   January 2019 – Present

Helped create the ACM website whilst teaching members learn about web development.

Society of Hispanic Professional Engineers (SHPE) – Member   January 2019 – Present

Nationally recognized professional society driven to spread diversity and opportunity