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

WorkMarket, an ADP Company   May 2019 - Aug 2014

Software Engineering Intern

New York, Manhattan

- Helped create a new microservice that will add extra expenses to an order placed, using Java Spring and Kafka.
- Made use of various of microservices and libraries from the company for the new microservice and kept quality coding standards.

META+LAB   July 2018 - May 2019

BackEnd Developer

Northridge, CA

Project: OPGalpha   January 2019 – May 2019

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, written in PHP Laravel.
- Leveraged knowledge in Event Sourcing and Domain Driven Design to maintain system architecture.

Project: CalStatePays.org   August 2018 – January 2019

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 using the library Pandas, resulting in 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, written in PHP Laravel.

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

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

FeedMe!   March 2019 - Present

Web and mobile application that finds a random restaurant around a user's area.
Currently in development using VueJS, Django, and React-Native. Available for download in the play store.

Education

California State University, Northridge
Major: Computer Engineering

- GPA: 3.26
- Expected Graduation in Spring, 2020

Technical Skills

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

Activities

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