

# 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.

## 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

## 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.
- Implemented unit and end to end tests to ensure quality results.
- 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

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

## Activities

### Pathfinder Out Reach 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