

# David Meza - Frontend Developer

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## Formal Education

University of Mount Olive

Mount Olive, NC

- Bachelor of Science: Management Information Systems
- GPA: 3.87 / 4.00 (Graduated Magna Cum Laude)

## Other Education

Viking Code School

San Francisco, CA (Remote)

- VCS is a 16-week intensive coding bootcamp for learning professional web development
  - Major Technologies: Ruby on Rails, PostgreSQL, HTML5, CSS3, JavaScript, AngularJS
  - Typical day included scrum meetings (Agile approach), pair programming, and peer code reviews
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## Technical Skills

- **JavaScript** - Proficient in Angular 8, AngularJS 1.7, Typescript, Vue.js, ES2019, jQuery, D3, Vanilla JS
  - **Frontend** - Proficient in HTML5, CSS3, Sass, Bootstrap, Material Design, npm, Webpack, PWAs
  - **Backend** - Moderate experience developing REST APIs in Python Django and Ruby on Rails
  - **Support Tools** - **Github**, Bitbucket, AWS S3 and EC2, Sublime Text, Chrome Developer Tools, Lighthouse
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## Experience

NC State University

Raleigh, NC

Frontend Developer

November, 2016 - Present

- Develop MathMapper app to achieve research objectives using Angular 8, Angular Material and D3
- Migrated the MathMapper app from AngularJS 1.7 to Angular 4-5 and Typescript using a hybrid approach
- Collaborate with engineering team on the internal CMS development using Python Django and Vue.js
- Conduct unit testing using Karma and Jasmine for improving code robustness and fixing bugs

City of Raleigh

Raleigh, NC

AngularJS Developer

October, 2015 - June, 2016

- Developed web applications such as mapping and public works tools using an agile workflow
- Wrote scripts to automate repeated tasks and optimize coworkers' efficiency by 100%
- Modernized existing web applications that were no longer supported by modern devices and browsers

Autobuses Laser

Bogota, Colombia (Remote)

Web Developer

May, 2014 - October, 2015

- Built the company's web presence: Website (HTML, CSS, JS and jQuery), SEO, and social media sites
  - Talked with product owner once a week to discuss progress made and priorities for next iteration
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## Projects

### SUDDS MathMapper Grades 6-8 (2018)

- Middle school Math learning app with learning trajectories, practice and diagnostic assessments, data reports
- Progressive Angular app that uses Angular 8, Typescript, RxJS, D3, Webpack, and consumes a Django API
- Uses SVG data visualization for an animatable, and scalable learning map, and report graphs (e.g. box plots)

### City of Raleigh Park Locator (2016)

- Mapping tool to find the nearest parks, filter by activities, get directions, and explore programs and classes
- Single-page web application built on AngularJS. Uses Material Design, Esri, and Google Maps

### Part Time Parks and Recreation Jobs (2015)

- Interactive tool to find relevant part-time opportunities at the city's parks and recreation department
  - Technologies used include AngularJS, Angular Material, Google Maps and Grunt for automation.
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## Activities

- Member of several technology meet-ups such as Code for America, Modern Web, and Triangle JavaScript
- Contributor to popular Github repositories such as Angular Material, Angular Google Maps, Angular Tour