

Angela María Suárez Parra

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📖 Education

Universidad de Los Andes

B.sc System and Computing Engineering.

- Relevant Coursework: Data Structures, Design & Analysis of Algorithms, Software development.

📁 Work Experience

Teaching Assistant (Jan 2020 - Dec 2020)

Universidad De Los Andes

- Course: Software Development. Supported 50+ students to design a RESTful website made with Angular JS and Java EE.
- Monitored the continuous integration evolution of 8 projects through Jenkins and SonarQube. Graded four sprints, and course activities. Led the lab class once a week.

WebCreek: Software Engineer Middle II (Aug 2021 - Jan 2022)

Bogotá, Colombia (Remote Work) - Technologies Used: JavaScript, MongoDB, Node Js

- Implemented Underwriting Rules with Equifax and Transunion to determine whether a borrower is worthy of credit (i.e. a loan) in an Educational Loan Company. Moreover, Integrated Plaid and Stripe as Payment Software.
- Improved and automated an ACH payment processing and created an APR Calculator Module for a financial institution.
- Fixed bugs from legacy software, implemented enhancements and collaborated in a team-based, Agile environment to analyze requirements and implement software solutions.

Meratas: Full-Stack Engineer (Jan 2022 - Present)

Bogotá, Colombia (Remote Work) - Technologies Used: JavaScript, MongoDB, Node Js

- Supervise and monitor two middle developers to verify that software development meets the necessary requirements.
- Effectively coded multiple software changes and alterations based on specific design specifications.
- Created an import module to import the information of 1200 educational loans given in JSON and CSV format from about 200 schools in the United States into an education software platform.

📁 Leadership & Projects

Logistics Module (June 2020- May 2021)

Individual Project.

- Created an application to manage deliveries and routes using Django, PostgreSQL, OpenStreetMap and GeoDjango to build a GIS Web application.
- Designed and coded the front end using React JS.

VISIR (Aug 2019-Dec 2019)

District mobility secretary of Bogotá and Universidad De Los Andes.

- Provided support in decision-making to the mobility secretary of Bogotá to reduce the number of road accidents in Bogotá through the development of a tool for visualization and identification of road accidents that occurred at a specific distance from a point of interest. For Example, intersections traffic lights, bridges, SITP stops, and cycle routes, among others.
- Designed and Coded +30 Visualizations (Graphics) with Javascript, D3.js, ArcGIS JS 4x, and Python using information from the mobility secretary of Bogotá.

🏆 Awards and Recognitions

3rd Innovation fair LA MUESTRA (May 2020)

Universidad de los Los Andes.

- LA MUESTRA Award, given annually to the best mid-career projects for students of the 9 engineering faculties of the university.
- Programed a website to help Colombian enterprises in the process of request a utility model patent in a 4-person team using React JS and Django.

🔗 Technical Skills

Skills: JavaScript; Java; Python; SQL; HTML/CSS; NoSQL; ArcGIS JS 4x; D3 js

Frameworks: Django; Django Rest Framework; Angular; React.