Demetri Sebastian Lopez

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315-269-3931

EDUCATION

New York University Computer Science, B.S.

Graduation Date: May 2022

Minors - Business Studies (Stern School of Business), Mathematics (Courant Institute of Mathematical Sciences)

Whitesboro High School

Graduation Date: June 2018

Participated in the core curriculum, maintaining a GPA of 3.7, received an Advanced Regents Diploma with Honors

LANGUAGES AND RELEVANT COURSEWORK

Languages/Frameworks: JavaScript/TypeScript (3 years), React (2.5 years), HTML/CSS (2.5 years),Python (2 years), C++ (2 years), SQL (6 months), Node.js (6 months), C (6 months), Java (5 months), Angular (3 months)

Relevant Coursework: Intro to Databases, Computer Architecture and Organization, Web Development (HTML5, CSS, JavaScript), Mining Massive Datasets (Machine Learning and Data Science)

EXPERIENCE

Cisco Meraki Front-End Software Engineer

May 2022 - Present

- Led the development and maintenance of a company-wide component library and design system in React, prioritizing accessibility and user-centric design.
- Spearheaded the redesign of outdated web pages, modernizing the company dashboard with React, TypeScript, HTML, and CSS.
- Ensured compliance with web accessibility standards (WCAG) to create inclusive experiences for all users.
- Collaborated closely with project managers, UX stakeholders, and cross-functional teams to deliver developer-consumable components at scale.
- Shipped large-scale frontend projects, like feature rich grid patterns, while overseeing the full development lifecycle, from planning to deployment.
- Facilitated team operations as a SCRUM Master, organizing daily standups, sprint planning, and backlog refinement meetings.

Cisco Meraki Internship

August 2021 - December 2021

- Contributed to the company-wide component library and collaborated on full-stack development using Node.js and React.
- Enhanced frontend and backend codebases, ensuring maintainability and scalability.

Chubb Internship Full Stack Developer

June 2021 - August 2021

- Developed full-stack features for enterprise-level applications using Angular, TypeScript, and Node.js.
- Delivered API integrations for insurance products, improving the speed and reliability of customer-facing services.

New York University Student Developer - Backend Developer

May 2020 - August 2020

- Worked on agent-based modeling systems using Flask/Python for backend development, contributing to a large-scale project involving over 80 students.

New York University Senator

May 2020 - May 2022

- Represented the student body and addressed issues affecting minority students; held leadership roles derived from the position.
- Served on the University Senate: Financial Affairs Committee and Faculty Technology Committee.
- Chaired the Student Technology Committee, overseeing initiatives with IT to improve student tech experiences.

New York University Hyperloop Control Systems Programmer

September 2019 - January 2021

- Developed the preliminary control systems design for a high-speed rail prototype for SpaceXs Hyperloop competition.
- Applied control systems design using Arduino Mega and Raspberry Pi.

Google CSSI Teaching Assistant

May 2020 - August 2020

- Assisted in Google's Computer Science Summer Institute, mentoring and teaching students in programming fundamentals.