

Oscar Delgado (Software Engineer)

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EDUCATION & LEADERSHIP

University of Colorado-Boulder

B.S. Computer Science

- Teaching Assistant for Algorithms
- President of CU Boulder Club

EXPERIENCE

FitNxs (Python)

Software Engineer

Jan 2021 - March, 2023

- Managed the entire development process of user-centric features, including profile pages, a notification system, and forum functionality
- Restructured the backend using modular design and object-oriented programming principles
- Worked with a team to effectively delegate tasks based on strengths and interests for maximum productivity

CPCyber (Python)

Software Engineer

Aug. 2021 - July 2022

- Improved internal app for better documentation and streamlined export, reducing manual labor by 5-10 hours per client.
- Implemented fail-safes with JavaScript to prevent human error in various areas
- Reinforced security by adding layers of encryption to finding reports saved locally

University of Colorado Boulder (C#)

Software Engineer Internship

Aug. 2017 - Jan. 2019

- Automated web forms with selenium, saving time and resources for counselors
- Improved the code base by removing redundant code and implementing a Dynamic Link Library
- Upgraded legacy Imacros to c# and selenium, increasing runtime by three times and accuracy from 50% to 92%

PROJECTS

Crwn-Clothing (React) [link](#)

- Built an eCommerce single-page application using React and Firebase as the database
- Incorporated React libraries such as styled-components, react-router-dom, and ReduxJS
- Improved type safety and added static types using TypeScript

NASA Project (NodeJS) [link](#)

- Developed a MongoDB database with schemas and object modeling using the Mongoose module in Node.js
- Created RESTful APIs with the Express module and tested the APIs using Jest Framework
- Built CI/CD Pipeline using github Actions and deployed it by using Docker Image on AWS EC2 instance

SKILLS & INTERESTS

Languages: Python | JavaScript | TypeScript | HTML | CSS | Java | Spanish

Other: NodeJS | Express | React | AWS | MongoDB | SQL | Django | Docker | GCP | GraphQL | Kubernetes

Interests: Rocking climbing Free Solo, Snowboarding