EDUARDO HERNANDEZ

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EDUCATION

Stevens Institute of Technology | Hoboken, NJ   *Expected May 2025*

Bachelor of Science in Computer Science

Awards*:* Generation Google Scholarship, Jack Kent Cooke Foundation Undergraduate Transfer Scholarship, Cafe Bustelo Scholarship, Franco Miranda Scholarship, Stevens Global Scholarship, El Salvador National Youth Award

Coursework: Data Structures, Algorithms, Web Programming, Software Development Cycle, Database Management Systems, Systems Programming, Data Science and Diversity, Networking Technologies

WORK EXPERIENCE

Cyasoon, Manhattan, NYC

Full Stack Software Engineer Intern   *May 2024 – Aug 2024*

- Engineered and debugged 10+ backend routes using Node.js, such as APIs for password management and user information updates, resulting in a robust website that effectively served investors
- Developed 5 video functionality routes using Node.js, integrated them with the database, enabling partner businesses to view data and investors to watch user pitches on Cyasoon.biz, boosting productivity by 10%
- Assembled and executed 100+ unit tests scenarios using Jest for the REST-API service, ensuring comprehensive coverage of all database access
- Integrated UI features on the front-end using React by implementing the graphics provided by the Product Engineer

Stevens Institute of Technology, Hoboken, NJ

Teaching Assistant – Introduction to Python and Data Science   *Jun 2023 – Aug 2023*

- Instructed Python concepts to +40 high school students, assisting in developing their coding skills and applying them to real-world data analysis
- Guided students through a final project using New York City Open Data to find parking spots available in Manhattan

Bergen Community College, Paramus, NJ   *Jan 2021 – May 2022*

STEM Intern – Software Engineer

- Generated malware using C/C++, utilizing system calls to access low-level computer features, and implementing keyloggers, trojans, and user-friendly mini games to demonstrate cybersecurity practices
- Created a front-end website using React with malicious links and ads, designed to simulate potential cyber-threats

PROJECTS

Personal Website | https://master--eduardoh.netlify.app/   *Jul 2024 – Sep 2024*

- Implemented an interactive personal website in React, building +20 components with extensive use of CSS for layout, grid systems, margin control and padding
- Employed State Management to handle dynamic effects and props, enabling interactive elements and efficient data flow throughout the application for enhanced user experience

MyMusic Website   *Sep 2022 – Dec 2022*

- Designed a dynamic music website using HTML, CSS, and JavaScript, integrating the Spotify API to pull and display live music tracks on the front-end for engaging user experience
- Executed a music recommendation system using Python, referencing an Excel database with +1000 songs to suggest based on user-input genres

SKILLS

- **Programming languages:** JavaScript, Python, Typescript, Java, HTML, CSS, C++, C, MySQL, R
- **Frameworks/Technologies:** React, Node.js, Django, Flask, PostgreSQL, MongoDB, Express.js, Git, GitHub, Linux
- **Languages:** Spanish (Native), English (Native)

EXTRACURRICULARS

- Software Engineering Club, Stevens Blueprint, Latin American Association, Hispanic Society of Professional Engineers (SHPE), Soccer Club, International Student Association