EDUARDO HERNANDEZ

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EDUCATION

Stevens Institute of Technology | Hoboken, NJ   *Expected May 2025*
Bachelor of Science in Computer Science | GPA: 3.339
Awards/Scholarships: 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

SKILLS

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

WORK EXPERIENCE

Cyasoon | Manhattan, NYC
Full Stack Software Engineer Intern   *May 2024 – Aug 2024*
- Engineered 15+ backend routes using Node.js, including APIs for password, user management and video functionality, optimizing the iOS app, resulting in 1000+ downloads with 250+ active users
- Assembled and executed 100+ unit tests for the REST-API service, ensuring coverage of all database access
- Integrated UI features for data visualization, enabling investors to view app metrics, boosting productivity by 10%
- Participated in the SWE process by completing tasks, engaging in code reviews, and deploying the Cyasoon.biz website, enabling partnerships with 10+ local NYC stores

Stevens Institute of Technology, Hoboken, NJ
Teaching Assistant – Introduction to Python and Data Science   *Jun 2023 – Aug 2023*
- Instructed Python concepts in the Stevens Pre-College Program to +50 high school students, assisting in developing their coding skills and applying them to real-world data analysis
- Guided students through a final project aimed to analyze medical records of Pima Indians and build a model to predict their risk of developing diabetes within the next 5 years

John Cabot University, Rome, Italy
Research Assistant – Predictive Model for Students' Academic Performance   *May 2023 – Jun 2023*
- Improved data accuracy by 15% through rigorous cleaning, analyzing patterns and preprocessing techniques
- Developed a predictive model for student academic performance through decision trees, achieving 87% accuracy
- Collaborated on a research paper focused on the application of AI in education to enhance the educational system

Bergen Community College, Paramus, NJ   *May 2022 – Aug 2022*
Software Engineer Intern – STEM Scholars Program
- Generated malware in C++ utilizing system calls to access low-level computer features and implementing keyloggers, trojans, and mini games to demonstrate cybersecurity practices
- Created a website using React with malicious links and ads designed to simulate potential cyber-threats, increasing cybersecurity awareness at Bergen by 15% through +5 workshops
- Served as project leader, reviewing code and facilitating communication among team members and faculty, culminating in a 2nd place finish in the Bergen STEM Projects Poster Competition

PROJECTS

Personal Website | https://master--eduardoh.netlify.app/   *Jul 2024 – Sep 2024*
- Implemented an interactive website in React, building +20 components utilizing CSS for layout and grid systems
- Used State Management to handle dynamic effects and props, improving interactivity and optimizing data flow

MyMusic Website   *Sep 2022 – Dec 2022*
- Designed a music website using HTML, CSS, and JavaScript, integrating the Spotify API to display live music
- Executed a music recommendation system in Python, referencing a database with +1000 songs to provide suggestions

EXTRACURRICULARS/LEADERSHIP

- Stevens Blueprint, Latin American Student Association (*President*), Hispanic Society of Professional Engineers (SHPE), Soccer Club, International Student Association, The Open Door NYNJ *(Math/ESL Instructor)*