

Jeanmarcos Perez

Miami Beach, FL • jeanmarcosperez2002@gmail.com • 786-612-7620 • [LinkedIn](#) • [Portfolio](#)

EDUCATION

Dartmouth College

Major: Bachelor of Arts, Computer Science
Minor: Hispanic Studies

Hanover, New Hampshire
September 2020 – June 2024

Honors/Awards: Magna Cum Laude (GPA 3.9), College Honor List (2020-2024), QuestBridge National Scholar

Relevant Coursework: Multivariable Calculus, Object Oriented Programming, Software Design and Implementation, Database Systems, Machine Learning and Statistical Analysis, Computer Graphics, Computational Photography, Full Stack Web Development

Universidad de Barcelona

Language Study Abroad focused on Spanish literature, culture, and history

Barcelona, Spain
March 2022 – May 2022

Universidad Torcuato Di Tella

Foreign Study Program focused on Argentine literature, culture, and history

Buenos Aires, Argentina
March 2023 – June 2023

EXPERIENCE

Amazon

Software Development Engineer Intern

Boston, Massachusetts
June 2023 – September 2023

- Developed and implemented an automated Alexa integration test suite using Internal Alexa Test SDK to emulate Alexa requests, covering various Voice User Interface (VUI) utterances and scenarios.
- Integrated the created test suite into the team's pipeline using the Hydra Test platform, contributing to the transformation of the pipeline into a fully automated CI/CD process, ensuring efficient and reliable software releases.
- Practiced agile software development by participating in daily sprints and stand-ups and organized my work with supporting tools like Git, CRUX for code reviews, and Jira for project tracking.

Mavis Tires & Brakes

UI/UX Design Intern

Millwood, New York
January 2023 – March 2023

- Redesigned 10+ internal admin tools, employing principles of human-centered design to enhance usability and accessibility.
- Conducted Figma training sessions for 10+ team members, improving their design collaboration and proficiency.
- Designed multiple website pages adhering to new brand guidelines, with several pages successfully launched into production.

Dartmouth College, First Generation Office

Strategic Planning Student Director

Hanover, New Hampshire
September 2021 – June 2024

- Collected and maintained financial and academic resources for over 300 first-generation students.
- Planned and organized student workshops and tutoring services for upwards of 100 students.

Dartmouth College, Department of Computer Science

Teaching Assistant, COSC 21: Foundations of Digital Design

Hanover, New Hampshire
June 2021 – August 2021

- Guided over 25 students through Adobe Photoshop during class and weekly office hours.
- Graded student projects based on a set of technical and aesthetic criteria.

PROJECTS

Tiny Search Engine | [Github](#)

- Developed a web crawling program to retrieve and store webpages recursively from a seed URL, an indexing system to manage web document indices, and a querying module to handle search queries.
- Coded primarily in C and Bash, employed Valgrind for memory leak detection, and GDB for debugging.

Part-of-Speech Tagger | [Github](#)

- Designed a program utilizing a hidden Markov model and the Viterbi algorithm to accurately assign parts of speech to words.
- Achieved with dictionaries and binary trees, and trained the algorithm using extensive data sets of up to one million words.

OTHER SKILLS & INTERESTS

Technical: Python, Java, Kotlin, C, JavaScript, HTML, CSS, React, React Native, Git, Adobe Suite (Photoshop, Illustrator, Lightroom), Figma, Autodesk Maya, SQL, MongoDB, Microsoft Office (Excel, Word, PowerPoint, Outlook), Google Workspace

Languages: English (native), Spanish (native)

Interests: Backend Development, Frontend Development, UI/UX