

Daniel A. Portela Febo

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Education

Massachusetts Institute of Technology

Jun 2026

Cambridge, MA

- Candidate for BS in Computer Science & BS in Management Science
- **Relevant Coursework**
 - *Currently taking or have taken:* Fundamentals of Programming, Multivariable Calculus, Discrete Mathematics, Intro to Programming in Python, Intro to Programming in Java, Microeconomics, Macroeconomics

Colegio San José

May 2022

San Juan, PR

- **Awards:** U.S. Presidential Scholar Candidate, National AP Scholar with Honors, National Hispanic Scholarship Candidate

Experience

Aura – MIT Startup

Oct 2022-Present

Software Engineer - Intern

Cambridge, MA

- Designed and deployed several 3D websites using Three.js and Blender
- Scraped, collected, and cleaned 3D model data to train and fine-tune our machine-learning model
- Built a 3D model labeling pipeline that takes images of a model in Blender, labels the images, and validates the labels

Virtual Reality Research for Lab Based Training – MIT Immersion Lab

Jan 2023-May 2023

VR / AR Developer – Undergraduate Researcher

Cambridge, MA

- Developed equipment operation training simulations using Unity & Unreal Engine, improving training effectiveness by over 50%
- Created a WebApp using AR software 8th Wall, resulting in over 300 user interactions on launch

National Student Leadership Conference – Data Science – Georgia Tech

Jul 2021

Project Manager and Programmer

Atlanta, GA

- Led a team of 10 data consultants to analyze real airline data & present a data-driven cost analysis to mock investors using tools such as RStudio and MySQL

Leadership & Activities

Boy Scouts of America Troop 1817

Aug 2018-Aug 2022

Eagle Scout

San Juan, PR

- Led and mentored groups of scouts ranging from 5 to 30+ of different ages in over 100 meetings and events
- Elected by Scoutmaster for demonstrated leadership skills to serve as Junior Assistant Scoutmaster to 30+ scouts

Eagle Scout Service Project

Jun 2021-Oct 2021

Project Lead

San Juan, PR

- Led 20+ scouts of my Troop and other volunteers for a combined 175 hours of work to create an outdoor seating area for elderly home
- Obtained \$1700 budget from sponsors, planned project logistics, coordinated tasks, and worked alongside team

Phi Kappa Theta Fraternity

Feb 2023-Present

Community Service Chair

Cambridge, MA

- Tasked with organizing 45+ members of the fraternity to carry out at least two major events to serve our community throughout the semester. Examples: Tutoring for local high schools & Blood Drives

Skills & Interests

- **Technical:** Python, Java, C#, JavaScript, Three.js, React, React 3 Fiber, Unity Engine, Microsoft Office, Git and GitHub repositories, PlasticSCM
- **Language:** Spanish (Native Speaker), English (12 years of English in school), French (Beginner)
- **Interests:** Entrepreneurship, Virtual Reality, Artificial Intelligence, Game Development, Metaverse, Yoga, Meditation, Philosophy