

DIEGO MARQUES

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I am interested in a summer internship in software engineering, machine learning or full-stack development.

EDUCATION

Cornell University, College of Engineering · Cumulative GPA: N/A

Ithaca, NY

Major: Computer Science

Expected Graduation May 2026

Relevant Coursework: Object Oriented Programming and Data Structures, Introduction to Python, Multivariable Calculus, Physics, Chemistry

Princeton University, AI4ALL Summer Program

Remote

Concentration: Natural Language Process (NLP), Machine Learning

Jul 2020

A summer program taught by Princeton University Staff covering the fundamentals of AI and Machine Learning, with significant long term projects using NLP to detect fake news and convolutional neural networks with reduced bias.

Miami Beach Senior High School, IB Diploma · GPA: 4.00/4.00

Miami Beach, FL

Valedictorian

Aug 2018 - Jun 2022

EXPERIENCES

Learn 01 Education Lab · Tech Associate, Instructor

Jun 2018 - Jun 2022

- Taught groups of 50+ entry level students topics involving computer programming, algorithms, and cybersecurity
- Organized and planned 100+ person events such as hackathons and competitive programming tournaments
- Contributed to the development of customizable and enjoyable student based curriculum that is still in use

Delta Design · CAD Intern, Instructor

Aug 2017 - Aug 2018

- Gained proficiency in CAD and technical drawings, going through several iterations to meet customer demands
- Helped produce 1000+ customizable 3D printable Mickey Mouse Ears, from design to production to customer
- Volunteered at local charity events for Delta and improved public speaking by promoting the company

MBSH Robotics Club · Head Programmer, Instructor

Aug 2018 - Jun 2022

- Founded the MBSH Robotics Club in 2018 and helped grow the club from 4 to over 50 recurring members
- Led the programming and electrical subteams, placing 4/33 in the South Florida 2022 FIRST Robotics Competition
- Led Python/Java classes, taught others how to program AI smart camera tracking and explained how to hard wire drivetrain modules for advanced movement capabilities

MBSH STEAM Club · President

Aug 2018 - Jun 2022

- Coordinated with ~10 local tech leaders to give weekly talks on business, art, and health for over 30 club members
- Managed 3 teams of 5+ as they constructed a water bottle rocket, egg-drop mechanism, and water wheel generators for regional competitions, helping the school become gold designated in STEAM

Association of Computer Science Undergraduates · Member

Aug 2022 - Present

- Promote professional, social, and educational interaction among students interested in computer science
- Facilitate students' communication with CS faculty, alumni, and corporate representatives
- Cornell University's chapter of the Association for Computing Machinery

SKILLS & AWARDS

Technical: Python, Java, Javascript, HTML/CSS, C++, SQL Fusion 360, Word, Excel, PowerPoint

Awards: Grant Award Recipient for Drone Conservation Program, Cornell Tradition Fellowship, National Merit