

DIEGO MARQUES

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EDUCATION

Cornell University, College of Engineering

Ithaca, NY

Major: Computer Science

Expected Graduation May 2026

Relevant Coursework: Data Structures, Discrete Structures, Object Oriented Programming, Introduction to Computing, Multivariable Calculus, Linear Algebra

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 and convolutional neural networks to detect fake news with reduced bias

WORK EXPERIENCE

Lavner Education - IT Intern (University of Miami, FL)

Jun 2023 - Present

- Developed programming documentation for 75+ prospective engineers focusing on core system design development
- Deployed code for 100+ team members to diagnose errors through debugging techniques and error tracking systems
- Designed and coded several interactive full-stack projects such as a personal budget tracker and task manager to facilitate practical experience through optimized code excerpts for target audiences

Learn 01 Education Lab - Technical Intern (Miami, FL)

Jun 2018 - Jun 2022

- Led sessions for 50+ clients, on programming, algorithms, and cybersecurity, fostering secure software practices
- Organized hackathons, engaging 100+ participants to foster collaboration within the local tech community
- Contributed to the development of customizable and enjoyable student based curriculum that is still in use

EXTRACURRICULARS

Cornell WebDev - Co-President / Lead Developer (Ithaca, NY)

Jan 2023 - Present

- Developed a comprehensive and tailored curriculum for incoming members, providing essential web development skills, including proficiency in React, JavaScript, TypeScript, and CSS
- Lead a team of 10+ developers in creating and maintaining “GigEship”, a Cornell startup connecting student entrepreneurs with software developers to bring college-based founders together
- Collaborated with other student organizations and departments to organize joint events, workshops, and hackathons, promoting engagement and networking within the web development community

Cornell FinTech - Software Engineer (Ithaca, NY)

Jan 2023 - Present

- Designed and implemented a risk analytics platform using Django, significantly enhancing the accuracy of financial risk management processes for the Cornell FinTech Club and Cornell Business School
- Participated in code reviews with the Engineering Subteam to ensure scalability and security of the platform
- Conducted weekly testing and quality assurance, identifying and resolving bugs and other issues

Association of Computer Science Undergraduates - E-Board Member (Ithaca, NY)

Aug 2022 - Present

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

MBSH Robotics - Head Programmer, Instructor (Miami, FL)

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 4th in the South Florida 2022 FIRST Robotics Competition
- Led Python/Java classes, teaching AI smart camera tracking and advanced drivetrain programming

SKILLS & VALUES

Technical Skills: Python, Java, JavaScript, HTML/CSS/TS, C++, C#, React, Node.js, Git, Flask, AWS, SQL, MongoDB

Core Values: Curious, DIY, Maker, Problem Solver, People Person, Motivated, Dreamer, Unstoppable Work Ethic