DIEGO MARQUES

(305)-302-8212 | dlm352@cornell.edu | linkedin.com/in/dmarques | https://diegomarques.miami/

EDUCATION

Cornell University, College of Engineering   **Ithaca, NY**
Major: Computer Science   Expected Graduation May 2026
Relevant Coursework: Object Oriented Programming and Data Structures, Introduction to Python, Multivariable Calculus, Physics Mechanics and Heat

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

WORK EXPERIENCE

Lavner Education - IT Intern (University of Miami, FL)   **Jun 2023 - Present**
- Instructed over 75 students in programming fundamentals, teaching Coding with Python and Coding with Java
- Assisted more than 100 students by troubleshooting software/hardware issues and providing personalized support
- Developed 3 engaging and interactive lesson plans, incorporating hands-on projects and exercises to enhance students' understanding and application of coding principles

Learn 01 Education Lab - Intern, Instructor (Miami, FL)   **Jun 2018 - Jun 2022**
- Taught groups of 50+ entry level students topics involving computer programming, algorithms, and cybersecurity
- Organized events for over 100 participants, such as hackathons and competitive programming tournaments
- 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**
- Promote 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, Git, React, Flask, MySQL, MongoDB, Pocketbase
Core Values: Curious**,** DIY, Problem Solver, Maker, People Person, Motivated, Dreamer, Unstoppable Work Ethic