Felipe Solorzano

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EDUCATION

Miami Dade Honors College — *2023-Present , Miami FL*
- Pursuing A.A. In Computer Science, First year Student, GPA 4.0/4.0

Christopher Columbus High School — *2019-2023, Miami FL*
- Up to 100 Community service hours in offering food to those in need, GPA 3.8/4.0

EXPERIENCE

Engineering Tutor, Miami Dade College — *2023-Present, Miami FL*
- Administrated 3D printers and RaspberryPi's running OctoPi and KlipperOS
- Managed classrooms and engineering labs
- Researching digital circuits and artificial Intelligence with CoWorkers

NASA Intern, NASA STEM Enhancement in Earth Science — *August 2021, Remote*
- Collaborated and conducted a research paper by utilizing online data access and analysis tools
- Interpreted NASA satellite data with Python code in Google Collaborator notes and with critical thinking.

Robotics Summer Camp Mentor, Christopher Columbus — *June 2021, Miami FL*
- Researched software components in VEX robotics
- Assisted, organized, administrated, and mentored students in the summer camp

Mark Rober's Creative Engineering Course — *July 2020, Remote*
- Designed and developed different creative builds for home use
- Learned to use CADing and electronic components

SKILLS

- CAD — Design in Autodesk Inventor, Autodesk Fusion, SolidWorks, and Blender
- Hardware — RaspberryPi, Arduino, VEX Robotics
- Front End — JavaScript, React, ChakraUI, HTML5
- Back End — Java, Python, C/C++
- Developer Tools — Git, Github, npm, gradle, maven, Junit, JMockit, AWS, VS Code, IntelliJ IDEA, Linux, MacOS, Windows10/11
- Microsoft Word, Excel, and Powerpoint

AWARDS

- Academic Honors Award from CollegeBoard
- Principles, First-Honors award in Christopher Columbus High School
- Conrad Innovators Award
- President of the Coding and Cybersecurity Club
- Co-Founder of the Students for the Exploration and Development of Space Club
- Dedicated member of the Robotics Club

LANGUAGES

Multilingual — English, Spanish, Catalan, Greek