Alejandro Ruiz

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U.S Citizen

EDUCATION	**Carnegie Mellon University** Pittsburgh, PA May 2023

Carnegie Mellon University Pittsburgh, PA   May 2023
Bachelor of Science in Electrical and Computer Engineering, GPA: 3.42
Minor in Business Administration
Relevant Coursework: Fundamentals of Programming and Computer Science, Introduction to Electrical and Computer Engineering, Calculus 3D, Global Business.

SKILLS

Programming Languages: Python, HTML & CSS
Software: SolidWorks, Office 365
Spoken Languages: Spanish, English

EXPERIENCE

Token Metrics Washington, D.C.   Summer 2020
Customer Service Intern
- Assisted customers when they needed help when using Token Metrics or when understanding our machine learning algorithms.
- Wrote articles about different topics including trending cryptocurrencies and future value predictions, as well as how to efficiently use Token Metrics.

World Bank, IDB & IMF Washington, D.C.   Summer 2019
Business Intern
- Assigned to develop projects aimed to improve the economic and social aspects of underdeveloped countries, such as a transit system in San Salvador.
- Learned how these banks organize projects and changes in countries to reduce poverty and finance programs aimed to change public policies.

PROJECTS

Shin-Dor Soccer Fundamentals of Programming & CS   April 2020
- 2 Player Soccer game coded in Python by implementing physics kinematics, collisions detector, conservation of energy and artificial intelligence.

Mini-Mobot Introduction to Mechanical Engineering   Fall 2020
- Worked in a team to apply mechatronics and controls skills to drive a robot around a specific path.
- Coded in Arduino the commands for the robot to follow to be able to drive by following a black curved line.

Suspension Alignment Rig and Jigs Carnegie Mellon Racing   2019-2020
- Designed a suspension alignment rig and front rear jigs by using SolidWorks
- Built the suspension alignment rig and jigs by using steel as well as machining the steel to be able to get the shape desired.