Jean-Charles Turban Davila

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Education

Cornell University   **2016-2020**
- Bachelor of Science in Mechanical Engineering / Minor in Operations Research
- GPA: 2.87

Miami Palmetto Senior High   **2012-2016**
- GPA: 4.5

Honors

Ryan Scholar • Michael P. Graf '79 Scholarship • Don S. & Mibs M. Follett Scholarships • National AP Scholar Award • AP Scholar with Distinction • First Place LCS Program 2015

Experience

Cornell Hyperloop Project Team   **2016-Present**
Sub-Team Lead & Team Member
- Designed the magnetic levitation system as a team member of the Maglev subteam for the pod to compete in SpaceX Hyperloop competition in both 2017 and 2018
- Developed the team's website as a team lead using HTML, CSS and visual design, link below **cornellhyperloop.tech**
- Managed and created the GUI design for the pods control panel. Supervised a team of four.

Rev Hardware Accelerator Lab   **Summer 2017**
Team Lead
- Led a team of Cornell Engineers to work on developing a "napkin" concept into a functional start-up with a prototype
- Learned a variety of product development and business development skills to assist the growth of the start-up

Prometheus   **May 2017 - Present**
CEO
- Head the decision making on all aspects of a small start-up made of 8 Cornell students, including decisions concerning business, software and hardware development.
- Working on bringing to market an ultra-customizable keyboard for engineering and architecture professionals who demand more from a keyboard than just the keys. Learn more at **IthacaKey.info**

Projects & Activities

Pre-Freshman Summer Program 2017 Cornell   **Summer 2017**
CLG Leader
- Ran a weekly discussion/lecture for a group of students taking CS 1110 Python
- Met with students one-on-one as well, all students in my section passed the class

Cornell Varsity Sprint Football   **2016-Present**
Defensive Back #23
- Practice six times a week for 3 hours including weight training in the offseason

Skills

Programming: Python, Java, HTML5, CSS, Open CV, Javascript, R, SQL
Programs: Inventor, Ansys Maxwell, Ansys Software, Fusion 360, Autodesk Vault, Sketch-Up
Foreign Languages: Spanish, English
Construction: Electrical Experience, Soldering, 3D-Printing, Laser Cutting, Machine Shop Trained