

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, HTML, CSS, Open CV, Javascript
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