Jean Charles Turban Davila

Cell: 786-260-9660   http://jeancharlesturban.github.io/   211 Linden Ave
jt665@cornell.edu   Ithaca, NY 14850

EDUCATION

Cornell University, College of Engineering, Ithaca, NY   **Expected May 2020**
Bachelor of Science; Mechanical Engineering
Minor; Operations Research and Information Engineering
Major GPA: 3.87

Cambridge University, Cambridge UK   **July - August 2018**
Engineering Summer Progamme (Sustainable Energy, Jet Propulsion, Nanotechnology, Quantum Mechanics)

Relevant Courses: Object-Oriented Programming (CS 2110); Industrial Data and Systems Analysis (ORIE 3120); Mechatronics (MAE 3780); Fluid Mechanics (MAE 3230); Mechanics of Engineering Materials (MAE 3270);

Awards & Recognitions: Fichtl Innovation Award for "Most Innovative and Developed Concept" (2x recipient); Cornell University Ryan Scholar; National AP Scholar, Kessler Fellows Program 2019 Cohort

RELEVANT EXPERIENCE

Titan Analytics Inc. Ithaca, NY, *Founder*   **Sep 2017- Present**
- Directing a team of 24 in a growing sports analytics startup
- Created a workable product to attain data direct from football video files that converts uploaded footage into tangible statistics using machine learning and computer vision
- Delivering weekly insights through scouting reports to select NCAA teams
- Raised 10K in funds from pitch competitions and investments (https://titansportsanalytics.com)

Prometheus Ithaca, NY, *Founder*   **April 2017- Present**
- Led a team of 10 engineers to develop a highly customizable keyboard
- Prototyped a keystroke re-mapping software for Windows and Mac to help users improve workspace productivity, Soft-launching initial product in November 2018
- Acquired 12K in funds from pitch competitions and investments (http://prometheus-corp.github.io)

Life Changing Labs Incubator Ithaca, NY, *Resource Manager*   **June - July 2018**
- Managed the distribution and usage of the digital and physical resources for the LCL incubator
- Improved LCL program by adding additional resources and outside professional help
- Connected cohort teams with experts in the field and investors to assist product development

Cornell Hyperloop Project Team, *Business Team Lead, Maglev Team Member*   **Aug. 2016-Present**
- Competed in SpaceX's annual hyperloop competition
- Ran a business team of 14 people responsible for securing funds and corporate sponsorship
- Generated 15k in monetary budgets and 100k in gifts in kind to the Cornell Hyperloop team
- Assisted in development of the team's test rigs for rigorous testing of the magnetic levitation system and constructed parts the hyperloop pod in the fuselage, suspension and levitation systems

Cornell Entrepreneurship Hub (EHub), *Building Manager – Tech Lead*   **June 2018 - Present**
- Reformed existing policies and overseeing the Cornell Ehub building to provide an effective workspace for entrepreneurs
- Retrofitted the entire building with efficient wiring and technology to cut down on room failures by 80%

COMMUNITY INVOLVEMENT

Varsity Sprint Football, *Social Chair (Aug. 2017- Present)*   **Aug. 2016-Present**
- Student athlete, balancing course load with 18 hours/week practices and weekend games
- Responsible for organizing social events to help foster positive team culture and bonding

SPECIALIZED SKILLS

General Skills: Machine Shop Certified, Electrical Construction, 3D Printing, Business Development,
Software: Fusion 360, Inventor, CES EduPack, Ansys Maxwell, Autodesk Vault, Open CV, Github
Computer Languages: SQL, MATLAB, Python, Java, JavaScript, HTML, CSS, R, Excel
Languages: Spanish (native), English (native)