

Jean Turban

Product Developer - <https://jeancharlesturban.github.io/>

Education

Cornell University, Ithaca, NY

BS in Mechanical Engineering

(Aug 2016 - May 2020)

MS in System Engineering

(Jan 2020 - Dec 2020)

Cambridge University, UK

Engineering Summer Programme - Mechanical Engineering

(July-Aug 2018)

Relevant Experience

Titan Analytics Ithaca, NY - Product Developer Aug 2017 -

- Led a team of 16 to launch MVP web platform that automatically prepares data-driven scouting reports for college football teams
- Platform reduced time required to generate scouting reports from 10 hours a week (manual) to 5 minutes by processing game footage and inputted data via machine learning and computer vision
- Launched a web platform in a 4-week code sprint using AWS S3, Lambda and Cognito

VICIS Seattle, WA - Product Developer Jun 2019 - Nov 2019

- Designed solution to improve athlete helmet fitting time by 80%, using Python decision trees to provide helmet fit recommendations based on iPhone camera sensors and user-specific preferences
- Generated automated analytics reports for testing predictive models to visualize the performance of the model on the test data set. Increased turn-around time in model development by 60%
- Worked with an outside contractor to collaborate on IOS app integration and integration of outside libraries into the current product line

eHub Ithaca, NY - Building Manager Jun 2018 - May 2020

- Reformed existing policies and oversaw 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%
- Collaborated directly with student founders to communicate problems and feedback to office of entrepreneurship

Plug & Play Ithaca, NY - Startup Analyst Jun 2018 - May 2020

- Evaluated 10-20 startup pitch deck submissions every week to help determine whether to invest in the companies
- Discussed select pitch decks from submissions in group calls twice a month with a full time Plug and Play partners
- Learned the steps and different approaches used by full time VC's to evaluate a startups investment potential

Course Work

Relevant courses: Project Management, System Architecture Design, Data Driven Web Applications, AI Practicum, Python, Java OOP, SQL

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Interested In

- Data Analytics
- ML / AI
- Automated solutions
- SASS products

Technical Skills

Python, Pandas, AWS, SQL, GitHub, Scikit-learn, Java, Web-crawling, Data analysis

Business Skills

Pitching, team development, customer discovery, Power BI

Awards

- Fichtl Innovation Award (x2)
- Kessler Fellow 2019,
- Cornell Beck Fellow 2020

Languages

English, Spanish

Hobbies

Football, sports analytics, basketball