

Reid Fleishman

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EDUCATION

Cornell University, College of Engineering | Ithaca, NY **Expected May 2025**

- B.S. in Information Science, Systems, and Technology; Minor in Entrepreneurship and Innovation
- Cumulative GPA: 4.02/4.30; Cornell Engineering Joan and Irwin Jacobs Scholar; Dean's List, Spring 2022
- Selected for Cornell Engineering Leadership Certification Program (Spring 2023 – Fall 2023)

WORK EXPERIENCE

Cornell University, Engineering Peer Advisor | Ithaca, NY **Aug 2022 – Present**

- Selected to teach a weekly Engineering Seminar class and advise 20+ freshmen in engineering academics/programs

Ma'ayan Lab, Icahn School of Medicine at Mount Sinai, Bioinformatics Summer Trainee | Remote **Jun 2022 – Aug 2022**

- Processed/added Tabula Sapiens scRNA-seq data to the Tumor Gene Target Screener Appyter (Pandas & Numpy)
- Created a new Enrichr library from the Tabula Sapiens dataset; presented project at public symposium

MyAce, Lead iOS Developer | Ithaca, NY **Dec 2021 – Present**

- Leading the design/development of an iOS app (Figma, SwiftUI) to improve tennis coach/student communication

Quarantine Tutors, Lead iOS Developer | Remote **Dec 2020 – Dec 2021**

- Designed/developed frontend (SwiftUI) and backend (Firebase) of an iOS app to facilitate 4,500+ tutoring sessions

TEAM/LEADERSHIP EXPERIENCE

Engineers for a Sustainable World Project Team, Carbon Neutrality Subteam Lead | Cornell University **Sep 2022 – Present**

- Designing/developing a web dashboard (Figma, HTML, CSS, Grafana) to promote the closing of 1500+ fume hoods (highest energy consuming devices on campus) that are left open for an extended period

Cornell University Sustainable Design, "Currents" Mobile App Lead | Cornell University **Sep 2022 – Present**

- Leading a team of four to design/develop an iOS app to control Cornell's HVAC systems based on room occupancy

Cornell Electric Vehicles Project Team, Operations Member | Cornell University **Oct 2021 – Dec 2022**

- Configured new team email & HubSpot to speed up personalized email communications; configured CAD server
- Created promotional team videos to raise \$7,500+; worked on autonomous vehicle simulation using Gazebo

FIRST Robotics Competition Team 2638, CAD Lead; Digital Media Lead | Great Neck South H.S. **Sep 2017 – Jun 2021**

- Led operations/new member training; grew membership by 100+; created award-winning videos; redesigned website
- Created CAD course in Autodesk Inventor for 75+ students; configured WebDAV server to access CAD files

CAMPUS INVOLVEMENT

Cornell Computer Reuse Association: Vice President; repurposed/donated 20+ old computers; redesigned club website

Residential Sustainability Leaders: Leading initiative with Cornell Dining to eliminate 10,000+ single-use dishware per day

OTHER AWARDS/HONORS

Regeneron ISEF Finalist, "Creation of a Machine Learning App to Facilitate Pancreatic Cancer Prediction" (2021)

- Cleaned data (Python, Excel, SPSS); trained ML models (TensorFlow, CreateML); embedded in an iOS app (CoreML)

FIRST Robotics Competition, Dean's List Award Finalist (2020)

Great Neck Public Schools, High School Quality of Life Award (2019 – 2021)

SPECIALIZED SKILLS

Technical: Swift, SwiftUI, Java, Python, HTML, CSS, SASS, JavaScript/TypeScript, React, NodeJS, Dash, Grafana, APIs/JSON, Firebase, App Store distribution, SQL, GitHub, TensorFlow, Keras, Scikit-Learn, CreateML, CoreML, Pandas, Numpy, Jupyter, SPSS, Autodesk Inventor, NAS server & networking, Confluence

Creative: UI/UX design (Figma), DSLR filming, Final Cut Pro 7/X, Premiere Pro, Microsoft Office Suite, Apple iWork Suite