Reid Fleishman

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EDUCATION

Cornell University | Ithaca, NY   **Expected May 2025**
- B.S. in Information Science, concentration in Data Science; minor in Entrepreneurship and Innovation
- GPA: 4.08; Cornell Engineering Joan and Irwin Jacobs Scholar; Outstanding Peer Advisor Nominee
- Selected for/completed Cornell Engineering Leadership Certification Program (Spring 2023 – Fall 2023)
- Engineering Peer Advisor for engineering seminar; TA for *Climate Change and You, the Engineer*

WORK EXPERIENCE

Spotify, *iOS Engineer Intern* | New York, NY   **Jun 2024 – Aug 2024**
- Developed a new major iOS component (ad placement on the Search tab with images, buttons, and animation) expected to reach 212M users weekly (**Swift**, **UIKit**, **ObjC**); configured its behavior, models, and feature flags
- Spearheaded initiative to create a reusable ad header component, saving 100s of lines of code across ad formats
- Improved user flow and accessibility of other ad formats (in-app web browser and video ad); fixed 5+ bugs

BloomX, *Software Engineering Intern* | Rishpon, Israel   **Jun 2023 – Aug 2023**
- Developed two new major web dashboard features (authentication & real-time hardware testing) on the frontend (**Angular**, **HTML**, **CSS**) & backend (**Flask**, **Python**); developed a fully responsive UI
- Enhanced product security by creating encrypted, regularly changing wireless passwords for Raspberry Pi connection; improved version management by switching from numbered versioning to **Git** commit hashes

MyAce (Startup), *Lead iOS Developer* | Ithaca, NY   **Dec 2021 – Jan 2023**
- Led the design/development of an iOS app (**Figma**, **SwiftUI**) to improve tennis coach/student communication

Ma'ayan Lab, Icahn School of Medicine at Mount Sinai, *Bioinformatics Intern* | Remote   **Jun 2022 – Aug 2022**
- Processed/added Tabula Sapiens scRNA-seq data to the Tumor Gene Target Screener Appyter (**Pandas**, **Numpy**)
- Presented project at symposium; published in peer-reviewed *Aging Cell* and *Nucleic Acids Research* journals

Quarantine Tutors, *Solo iOS Developer* | Remote   **Dec 2020 – Dec 2021**
- Designed/developed frontend (**SwiftUI**) & backend (**Firebase**) of an iOS app to facilitate 4,500+ tutoring sessions

TEAM/LEADERSHIP EXPERIENCE

Engineers for a Sustainable World, *Energy Dashboard Lead; Carbon Neutrality Lead* | Ithaca, NY   **Sep 2022 – Present**
- Developing a dashboard (**HTML**, **CSS**, **Plotly Dash**, **DynamoDB**) to monitor energy usage of 1500+ fume hoods
- Led four teams and projects across 25 students to accelerate Cornell's carbon neutrality goals
- Automated team recruitment with **Python** scripts and **HubSpot** emails, saving 10+ hours each cycle

Cornell Computer Reuse Association, *President* | Ithaca, NY   **Sep 2022 – Present**
- Led repurposing of 200+ computers (fixing hardware/OS issues) for donation to underserved populations worldwide; redesigned club website (**HTML**, **CSS**)

Cornell University Sustainable Design, *"Currents" iOS App Lead* | Ithaca, NY   **Sep 2022 – May 2023**
- Led a team to design (**Figma**) & develop (**SwiftUI**) an iOS app to control Cornell's HVAC systems
- Handled **POST/GET** requests with **URLRequest**, implemented **Google Sign-In**, managed app loading state
- Collaborated with stakeholders at Cornell and demoed app to Cornell Center for Technology Licensing

AWARDS/HONORS

Cornell University Student Sustainability Award, *Member of the Year*   **May 2023**
- Proposed/designed a utensil sorting system to enable the largest campus dining hall to switch to reusable dishware

Regeneron ISEF Finalist, *"Creation of a Machine Learning App to Facilitate Pancreatic Cancer Prediction"* **May 2021**
- Cleaned data (**Python**, **Pandas**); trained ML models (**TensorFlow**, **CreateML**); embedded in iOS app (**CoreML**)

FIRST Robotics Competition, *Dean's List Award Finalist, Team 2638*   **April 2020**

SKILLS

Programming: Swift, SwiftUI, UIKit, Python, Pandas, Numpy, HTML, CSS, SASS, SQL, Bootstrap, Angular, Flask, React, NodeJS, JavaScript, TypeScript, ObjC, Java, DynamoDB, Firebase, APIs, TensorFlow, Scikit-Learn, CoreML
Software/Tools: Xcode, Git, Docker, Linux, Plotly Dash, Tableau, HubSpot, Confluence, App Store dist., IT/networking
Creative: UI/UX design, Figma, filmmaking, Final Cut Pro, Premiere Pro, Microsoft Office, Apple iWork