Reid Fleishman

github.com/thereidfleish
linkedin.com/in/thereidfleish

Project Portfolio: reidf.net

+1 (516) 404-2773
reidfleishman5@gmail.com

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
- Graduate of Cornell Engineering Leadership Certification Program (Spring 2023 – Fall 2023)

WORK EXPERIENCE

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

Cornell University   Ithaca, NY
Engineering Peer Advisor & Teaching Assistant   Aug 2022 – May 2023
- Selected to teach a weekly Engineering Seminar class & advise 20+ freshmen in engineering academics/programs
- TA for *ENGRI 1165 Climate Change and You, the Engineer*. Held office hours & led activities for 50+ students

Ma'ayan Lab, Icahn School of Medicine at Mount Sinai   Remote
Bioinformatics Intern | Project Presentation: youtube.com/watch?v=4HZqDsilOlo   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   Remote
Solo iOS Developer | App Store Link: apps.apple.com/us/app/qtutors/id1546893198   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 Cornell   Ithaca, NY
Carbon Neutrality Team Lead   Sep 2022 – Present
- Leading four teams and projects across 25 students to accelerate Cornell's goal of achieving carbon neutrality
- Developing a dashboard (**HTML**, **CSS**, **Plotly Dash**, **DynamoDB**) to monitor energy usage of 1500+ fume hoods
- Automated team-wide recruitment with **Python** scripts and **HubSpot** emails; saves 10+ hours each cycle

Cornell University Sustainable Design   Ithaca, NY
"Currents" iOS App Lead   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 & demoed app to Cornell Center for Technology Licensing

FIRST Robotics Competition Team 2638   Great Neck, NY
CAD Lead & Digital Media Lead; Dean's List Award Finalist   Sep 2017 – Jun 2021
- Led operations/member training; grew team by 100+; created CAD course/WebDAV server; redesigned website

AWARDS/HONORS

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

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

SKILLS

Programming: Swift, SwiftUI, Python, Pandas, Numpy, HTML, CSS, SASS, SQL, Bootstrap, Angular, Flask, React, NodeJS, JavaScript, TypeScript, Java, DynamoDB, Firebase, APIs, TensorFlow, Scikit-Learn, CreateML, 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