

Software engineer with a biomedical research background passionate about delivering performant products for end users.

Technical Skills: JavaScript | Python | Flask | HTML | CSS | React | Redux | Express | SQLAlchemy | Git | AWS

PROJECT EXPERIENCE

AIRBNB CLONE | JavaScript | Express | React | Redux | PostgreSQL [Github](#) \ \ [Live](#)

- Incorporated React-Redux container and Redux selector patterns to architect uni-directional front-end state management
- Configured the Node backend with PostgreSQL, using the Sequelize ORM for validations and database queries

EPICEATS - UBEREATS CLONE | Python | Flask | React | Redux | PostgreSQL | AWS [Github](#) \ \ [Live](#)

- Connected Flask backend to AWS S3 to implement user image uploads and allow for smooth restaurant form completion
- Developed custom search using React and Redux enabling users to search for restaurants by name or menu items

SPLITZIES - SPLITWISE INSPIRED | Python | Flask | React | Redux | PostgreSQL | AWS [Github](#) \ \ [Live](#)

- Implemented iterative logic that allows for app to handle expense tracking and settlement within a group of users, ensuring that everyone's debts are settled fairly
- Adhered to React and ES6 best practices to generate a true, dynamic and reactive single page web app experience

WORK EXPERIENCE

San Francisco Department of Public Health (SFPDH) August 2021 – July 2022

COVID-19 Responder and Care Experience Coordinator | San Francisco, CA

- Reach out to hundreds of patients in San Francisco Health Network to provide guidance in relation to COVID-19
- Engage with Patient Advisory Councils, Diversity and Equity Council, Healthcare for the Homeless Council in efforts to improve patient care experiences in SFPDH community clinics
- Volunteer with different community based organizations in San Francisco as part of Americorps 1700 service term

Nir Hacohen Lab, Massachusetts General Hospital and Broad Institute of MIT and Harvard June 2019 – May 2021

Research Associate | Boston and Cambridge, MA

- Collaborate with an interdisciplinary team at MGH and the Broad Institute on several projects and clinical trials aimed at characterizing and predicting immune response to checkpoint blockade therapy in human colorectal cancer and non-small cell lung cancer
- Perform and validate techniques such as antibody staining, RNA-ISH imaging, spatial transcriptomics, single cell sequencing, flow cytometry, and library preparation
- Analyze and regularly present data during team meetings and to collaborators

Christopher Burge Lab, Massachusetts Institute of Technology Biology Department September 2017 – May 2019

Undergraduate Researcher | Cambridge, MA

- Co-author paper on project exploring post-transcriptional regulation by microRNA co-targeting
- Master essential molecular biology techniques and engage in problem solving, independent and collaborative work, data processing and statistical analysis

EDUCATION

App Academy \ \ Full Stack Web Development February 2023 - August 2023

- Curriculum consisting of Python, JS, React, Redux, SQL, Advanced Algorithms, Data Structures

Wellesley College \ \ *Bachelor of Arts* | Wellesley, MA September 2015 - May 2019

- Major in Biological Sciences, Minor in Psychology
- Cumulative GPA: 3.67, Honors: *cum laude*