Tyler Stovsky

216.970.1879 tylerstovsky@gmail.com www.linkedin.com/in/tyler-stovsky
www.stovsky.com www.github.com/stovsky

EDUCATION

University of California, Los Angeles (UCLA) GPA: 3.860

Samueli School of Engineering
Computer Science, B.S. (Expected 2024)

Relevant Coursework: Operating Systems Principles, Fundamentals of Artificial Intelligence, Computer Network Fundamentals, Introduction to Machine Learning, Algorithms and Complexity, Software Construction, Logic Design of Digital Systems

EXPERIENCE

Wells Fargo June 2023 – August 2023
Software Engineer Intern *New York, New York*

- Integral member of the eSignature integrated team, responsible for developing and implementing eSignature-As-A-Service (EaaS), a suite of three Wells Fargo applications and DocuSign integrated with enterprise services and assets
- Developed a microfrontend which utilizes Wells Fargo eSignature capabilities to seamlessly integrate with other enterprise services and greatly improve time-to-market
- Enhanced eSignature post signing process APIs to efficiently export and archive executed documents by creating an HTML and PDF retrieval solution
- Implemented behavior-driven development (BDD) tests to thoroughly validate various APIs

TagBox June 2022 – August 2022
Software Engineer Intern *Tel Aviv, Israel*

- Used Amazon Rekognition Custom Labels to develop a custom model which is trained to analyze images specific to real clients' use cases
- Designed and developed custom test cases and used automation tools and scripts to perform automated testing
- Learned the application and performed manual testing in order to efficiently design automation tools as well as replicate obscure problems

PROJECTS

Crowdflow
An interactive web application designed to update users on how busy places are in real-time. Users are able to help others by entering a current rating of a place's busyness, and can view a real-time score of how "hot" a place they are interested in is.

- Designed a scalable Cloud Firestore Data model which contains collections of users, places, active user ratings (ratings which are relevant to real-time busyness), and inactive user ratings
- Created a custom map which displays points of interest that are in close proximity to a user, presenting a simple visualization of how busy they are
- Developed a simple user interface which allows users to easily enter place specific ratings, which communicates with Firestore to update the map in real-time

End Overdose Data Analysis
Research for End Overdose, a non-profit dedicated to spreading awareness on the opioid crisis, to explore surveying data, visualize basic demographic data, and use machine learning techniques to predict which set of factors or features are most predictive for a drug overdose.

- Cleaned and preprocessed surveying data to be used for machine learning
- Created a logistic regression model which accurately predicts drug overdoses based on predictive features selected from a baseline model
- Visualized surveying data to explore and analyze patterns among those who requested fentanyl testing strips

SKILLS

Javascript, React, HTML/CSS, Node.js, Python, Java, Scikit-Learn, Git, Bash/Shell, C/C++, Agile/Scrum