Tyler Lin

tyler.lin@tufts.edu   tylerrlin.github.io   (650) 272-1516

Education

TUFTS UNIVERSITY - MEDFORD, MA   **2022 - PRESENT**
- Bachelor of Science, Major in Computer Science, Minor in Cognitive and Brain Science
- GPA: 4.0, Dean's List (Fall 2022, Spring 2023)

Experience

FIRSTROOT INC - COMPLIANCE CONSULTANT   **SUMMER 2021**
- Led efforts to explore COPPA Compliance for FirstRoot's Participatory Budgeting platform, creating clear and concise scoping for workflows designed to create an effective user experience
- Designed necessary extensions to the FirstRoot data architecture for COPPA compliance, incorporating feedback from the development team following multiple rounds of presentation
- Quickly learned the DART programming language during an all hands on deck to improve automated testing
- Learned core Agile principles and participated in SAFe® development practices, including Sprint planning, Daily Stand Up (DSUs), Sprint reviews, pair programming, and automated testing in a CI/CD pipeline

VOCAREUM INC - SOFTWARE DEVELOPER INTERN   **SUMMER 2019**
- Prepped hands-on labs for portability across 3 major cloud providers: GCP, AWS, and Azure
- Gained proficiency in using their respective CLIs and SDKs
- Developed a Python script to automate the launching/monitoring of compute engines across cloud providers
- Script allowed for selecting a preferred provider and machine type, monitoring the status of the compute engine, and initiating shutdown when necessary

PERSONAL PORTFOLIO - INDEPENDENT PROJECT
- 70+ hours spent independently studying HTML, CSS, Javascript, and React.js through online resources
- Designed and implemented reusable custom components with JSX while maintaining modern UI/UX features

RELEVANT SKILLS
- Programming Languages: Python, Java, C++, Javascript
- Google Cloud Platform: Cloud Digital Leader, App Engine, Firestore, Pub/Sub, Monitoring, Functions
- Front End Development: HTML, CSS, React.js
- Chess Rating: 1919 (Peak rating on Chess.com)

INDEPENDENT COURSES
- Object Oriented Programming in C++, Foothill College, Foothill College, Fall 2019
- Data 8.1x: Foundations of Data Science: Computational Thinking with Python, BerkeleyX, Summer 2020