Michelle Li

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Education

Cornell University   **Ithaca, NY**
Computer Science B.S.
Coursework: Functional Programming, Data Structures & Algorithms, Discrete Math, Intro to Backend Development

Experience

Aeyesafe   **Remote**
Software Developer Intern   May 2021–August 2021
- Built web interface for tracking and logging data received from devices set up in senior's home so caregivers are notified of abnormalities in patient
- Designed and developed user authentication system using ReactJS as frontend with ExpressJS for server-side operations and Firebase as middleware
- Designed and developed RESTful API that allows communications between the client-side and server-side of web application with ExpressJS

SciFi Lab   **Ithaca, NY**
Undergraduate Researcher   Feb 2021–Present
- Developed app using Java and Android studio to randomly sample users' emotions throughout the day
- Collected data to help train the CRNN deep learning model recognize seven basic emotions
- Trained various CRNN deep learning models to section out bottom of chin from images taken with RGB camera with Python and OpenCV

Projects

HTrack   July 2021–Present
Full Stack Developer
- Creating web application that allows users to track various habits they wish to develop. Aimed to help users build more productive routines as well as more fulfilling lives
- Client-side incorporates HTMLS5, CSS3, and ReactJS and communicates with server-side via RESTful API
- Server-side utilizes NodeJS, ExpressJS, and MongoDB to complete the MERN stack and provide RESTful API

Journal My Life   May 2021
Backend Developer
- Journaling iOS app meant to improve mental health and serve as an album of memories made throughout the year
- Utilized Flask and Python to develop API endpoints and designed required databases using SQL
- Implemented user authentication as well as image storage and was deployed using Docker and Heroku
- Won honorable mention in AppDev's Hackathon for Best Backend Integration

Paint   May 2020
Full Stack Developer
- Java project that uses Socket.IO to create a server that allows clients to connect to and paint on the same canvas

Extracurriculars

ASCU   Mar 2021–Present
Social Chair
- Organize 10 social events per semester to promote unity within the Cornell Computer Science community
- Coordinate semesterly mentorship program that introduces over 75 underclassmen to upperclassment mentors

Skills

Languages: Python, Java, SQL/MySQL, HTML/CSS/JavaScript, C++, C, LaTeX
Tools: Git, AWS, VSCode/Eclipse/Android Studio, WordPress, Firebase/MongoDB, NodeJS
Libraries & Frameworks: React, MaterialUI, Express, Redux, Flask, Bootstrap