

# Mateo Wang

(408) 913-6163 | [hey@mateowang.dev](mailto:hey@mateowang.dev) | [linkedin.com/in/mateo-wang](https://www.linkedin.com/in/mateo-wang) | [github.com/SwiftWinds](https://github.com/SwiftWinds) | Bay area, CA

## EDUCATION

### UC Santa Barbara

*Bachelor of Science in Computer Science, Technology Management Certificate*

3.77 GPA | Aug. 2020 – Jun. 2024

*Santa Barbara, CA*

## EXPERIENCE

### Software Engineering Intern

*Invoca, Inc.*

Jun. 2022 – Present

*Santa Barbara, CA*

- Created custom date selector React component for dashboard filtering
- Used GraphQL and Ruby to communicate with website to fetch data from MySQL database
- Cleaned up over 20,000 lines of tech debt to transition from Backbone.js to React
- Led the development of scheduled email attachments feature as a DRI (directly responsible individual)

### Data Science Intern

*Tascent, Inc.*

Jun. 2021 – Sep. 2021

*Los Gatos, CA*

- Trained CNN and tuned SVM kernel to get **96%** and **96.5%** accuracy for motion detection on low-resolution thermal imaging dataset, respectively
- Set up automatic data labeling of thermal images with DeepSORT on Google Coral
- Implemented simultaneous RGB/thermal/depth recording, automatically triggered with object detection

### Data Center Technician Intern

*Vofo Corp*

Jun. 2021 – Sep. 2021

*Sunnyvale, CA*

- Wrote scripts to automate IPMI server IP changes and documented procedures on GitHub
- Communicated with managers, engineers, and coworkers in Chinese to set up dozens of new server nodes

### Software Developer

*UnMesh, LLC.*

Oct. 2020 – Jan. 2021

*New York, NY*

- Developed React Native UI for user profile statistics screen, fetching data with REST API from Node.js backend
- Migrated deployment from EC2 to microservices/serverless with MongoDB Atlas and AWS Lambda

### Full-stack Web Developer

*Electify Technologies*

Jun. 2020 – Oct. 2020

*Palo Alto, CA*

- Built React.js UI and backend Express.js endpoints for tracking prize redemptions, reading/writing to Firestore
- Solved long-standing DEADLINE\_EXCEEDED issue, reducing runtime length by about **99.2%**

### Software Engineer Intern

*Denali System Co. Ltd*

Jun. 2019 – Aug. 2019

*Mountain View, CA*

- Developed an internal React.js website for uploading and watching employee training videos
- Made a Flask backend and used Tus protocol and FFmpeg to upload, transcode, store, and serve video files

## PROJECTS

### Recommendedit.tech | *Python, NLTK, Flask, Svelte, Tailwind CSS, Google Cloud Functions* Jan. 2021 - Jun. 2021

- Developed a full-stack web app with Flask serving a REST API to a Svelte/Tailwind CSS as the frontend
- Analyzed Reddit comments with fine-tuned RoBERTa NER model and NLTK's Vader for sentiment analysis
- Deployed frontend with Netlify, Cloudflare, Domain.com and backend with Google Cloud Functions

### Other projects on [GitHub](#)

## TECHNICAL SKILLS

**Languages:** JavaScript, HTML, CSS, Python, Typescript, C/C++, C#, Java, Bash, Kotlin, Dart

**Frameworks:** React, Vue, Node.js, Express.js, Unity, Arduino, Bootstrap, Tailwind CSS, Svelte

**Developer Tools:** Git, Docker, Kubernetes, Google Cloud Platform, AWS, Azure

**Libraries:** PyTorch, fast.ai, TensorFlow, Keras, NumPy, OpenCV, pandas, Matplotlib, Flask

## HACKATHON AWARDS

**ShellHacks 2022:** DAOchow.tech wins 2nd place of 1200+ competitors

**HackMIT 2020:** latent-space.tech wins 3rd place of 1000+ competitors

**LAHacks 2020:** Archiscape wins 1st place of 192 projects