

IAN CHANG

Austin, TX | **Phone:** (214) 620-8023 | **Email:** enchangcs@gmail.com

LinkedIn: <https://www.linkedin.com/in/en-chang> | **Portfolio:** <https://en-chang.github.io/en-chang>

SKILLS

Languages: JavaScript, TypeScript, Python, Swift

Technologies: React, React Native, PostgreSQL, Node.js, Express.js, Sencha, Flask, Redux, Jest, Next.js, GatsbyJS, Redis, AWS Services, Docker, CircleCI

EXPERIENCE

Dropoff | Austin, TX

Same-day delivery and courier service built on an intelligent logistics technology platform

Software Engineer

Oct 2021 – Jan 2023

- Grew delivery accuracy by 20% with the development and roll-out of new geofencing features for pick-ups and deliveries in collaboration with senior software engineers to improve the end-to-end user experience
- Increased operational efficiency by 40% with the implementation of barcode reporting functionalities
- Enhanced user security with updates to the Dropoff REST API for increased protection of private client data

Face Detection Web App | <https://face-finder-enchangcs.herokuapp.com>

Aug 2021

- Created a full-stack single page application leveraging Clarifai's Machine Learning Face Detection Model
- Applied security measures to encrypt potentially confidential or valuable user information using bcrypt.js
- Streamlined the user experience by implementing session management with JSON Web Tokens and Redis

Robot Search Web App | <https://en-chang.github.io/robofriends>

Aug 2021

- Developed a full-text search application using Jest and CircleCI development and production processes
- Leveraged Redux to handle the state flow system for the intermediate application

Metronome iOS App | <https://github.com/en-chang/iOS-Metronome>

May 2020

- Designed and developed an iOS application that enables musicians to create custom metronome playlists
- Utilized GetSongbpm API to search music libraries and access data and AudioKit for customizable audio

IMDb Data Modeling | <https://github.com/en-chang/imdb-data>

May 2020

- Led university project that reinforced software development processes, git flow, and general best practices
- Performed transformations on IMDb data to meet normalized standards via Apache Beam and Airflow
- Built data visualizations and performed cross-dataset queries with a secondary dataset, Bollywood DB

EDUCATION

The University of Texas at Austin | Austin, TX

May 2020

Bachelor of Science, Communication Studies

Certificate: Elements of Computing

Minor: Korean Language

ADDITIONAL INFORMATION

Software: Figma, Logic Pro X, Adobe Premiere Pro, Adobe Animate, Adobe Photoshop

Hobbies: Animation, Audio & Video editing, Music Composition, Calisthenics, Watching Basketball