

# IAN CHANG

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## EDUCATION

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### The University of Texas at Austin - Bachelor of Science degree in Communication Studies

May 2020

- **Certificate:** Elements of Computing
- Minor: Korean Language

## SKILLS

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Languages: JavaScript, Python, TypeScript, Swift

Technologies: React, PostgreSQL, Node.js, Express.js, Flask, Redux, Jest, Next.js, GatsbyJS, Redis, AWS Lambda, Docker, CircleCI, Apache Beam, Apache Airflow

## PROJECTS

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

Aug 2021

- Utilized React, Node.js, Express.js, PostgreSQL, and AWS Lambda to create a full-stack single page application that detects faces via Clarifai's Machine Learning Face Detection Model.
- Applied standard security measures using bcrypt.js to encrypt valuable user data.
- Implemented session management through JSON Web Tokens and Redis to create a more convenient user experience.

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

May 2020

- Designed and developed an iOS application that would create a metronome playlist for musicians.
- Utilized GetSongbpm API to search for song data and AudioKit to fully customize metronome audio.

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

May 2020

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

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

Aug 2021

- Experimented with Jest and CircleCI to practice real-world development production processes.
- Leveraged Redux to handle an intermediate application's state flow system.

## PROFESSIONAL EXPERIENCE

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### B\*TRU Arts – Event Planner/Marketing Team

Sep 2018 – Apr 2020

- Coordinated seasonal events including talent shows, theatre performances, and concerts.
- Led a team of underclassmen participating in UT's internship program for 3 semesters.

## ACTIVITY & LEADERSHIP EXPERIENCE

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### Community Service Ministry – Head Coordinator and Founder

May 2018 – Mar 2020

- Founder and Coordinator of a weekly church ministry, whose mission was to serve the local community by providing food for those in need.
- Connected churches within their local area and from different Texas regions, Austin and Dallas.

## ADDITIONAL INFORMATION

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**LinkedIn:** <https://www.linkedin.com/in/en-chang>

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

**Hobbies:** Calisthenics, Watching Basketball, Music Composition, Audio Editing, Video Editing, Basic Animation