

DARNELL CHEN

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EDUCATION

Georgia Institute of Technology - Bachelors of Science, Computer Science **Expected: Dec 2025**

- 4.0 GPA
- Concentration: Information Internetworks
- Relevant Courses: Data Structures and Algorithms, Discrete Mathematics, Objects and Design, Computer Systems and Organization

University of San Francisco - Bachelors of Science, Computer Science **August 2022 - May 2023**

- 3.91 GPA
- Relevant coursework: Introduction to Python, Introduction to Java, Multivariable Calculus

TECHNICAL SKILLS

- **Languages** : Java, Python, Javascript, HTML/CSS
- **Tools** : Git, Android Studio, VSCode, Firebase, MongoDB, ReactJS, NodeJS
- **Programming** : Data Structures and Algorithms, Object-Oriented Programming, NoSQL

PROJECTS

SMS-RemindR **May - July 2024**

ReactJS | NodeJS | MongoDB

- Developed SMS-RemindR, a web app for setting periodic or one-time notifications via SMS, Email, and Discord.
- Created a responsive single-page frontend using ReactJS, Bootstrap, and fetch requests for data storing and retrieval.
- Handled backend routing with ExpressJS and maintained client-server connections using JWT for authentication.
- Managed request handling in Node.js and performed operations on MongoDB collections to store and delete user information efficiently.

Shopp'd **April - May 2024**

Python | Javascript | Firebase

- A web app written in Python and JS that webscrapes fashion brands in order to procure clothing items similar to those in images uploaded by the user.
- Worked primarily on the backend, using Beautiful Soup to perform weekly webscrapes for products and Firebase to store vectorized data to reduce runtime.
- Allowed users to compare their images with up to a thousand products in less than 5 seconds.

Spotify unWrapped **Mar - April 2024**

Java | Android Studio | Firebase

- Developed an Android application in Java, leveraging the Spotify API to generate comprehensive user summaries, from short-term to long-term insights, similar to Spotify Wrapped.
- Developed proficiency in querying and parsing JSON objects, alongside skills in storing and retrieving data with Firebase.
- Designed and implemented an interactive front-end user interface, integrating view-models to link and manage user accounts with their Spotify profiles.

ACTIVITIES

Rotaract Club **August 2022 - May 2023**

- Participated in a community-focused organization dedicated to organizing volunteer opportunities aimed at enhancing the local area's welfare.
- Acquired valuable experience in public service and community contribution through volunteer activities