ALEJANDRO C. GRANT

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SKILLS

Python, Jinja, SQLAlchemy, Flask, Scrapy, JavaScript, React, Redux, Express, Sequelize, Cheerio, HTML, Pug, CSS, Amazon Web Services (AWS)

PROJECTS

Creepy Crawler (Python, SQLAlchemy, Flask, JavaScript, React, Redux, Scrapy, HTML, CSS, AWS)   Live | GitHub

search engine and browser, solo project

- Fielded user search queries through **React** and **Redux** in the frontend to yield quick and efficient results upon user input.
- Utilized **Scrapy framework** to custom build the web crawler and integrated it with **Flask** via **Crochet**, allowing asynchronous requests coming from the frontend to be processed.
- Parsed date and time data using **regex**, spanning **JavaScript** and **Python** flavors, providing the user with a precise history log.

Erudite (JavaScript, React, Redux, Express, Sequelize, Cheerio, HTML, CSS)   Live | GitHub

song lyrics finder, solo project

- Used **Cheerio framework** to build custom scrapers that fetched and processed **thousands** of lines of seed data from **Genius**.
- Improved overall **UI/UX** of the application through the engineering of dynamic operations using **React** and **Redux**, such as adding and deleting song information.
- Outfitted the application with a song search functionality and a **context menu** with the option to copy any input from a user's added song, all with **native JavaScript**.

Finstagram (Python, SQLAlchemy, Flask, JavaScript, React, Redux, HTML, CSS, AWS)   Live | GitHub

Instagram clone, group project

- Integrated **AWS** and applied extensive use of **React** modals to effectively clone the **UX** of Instagram.
- Undergirded follow/unfollow functionality via one-to-many/many-to-one relationships in the **SQLAlchemy** backend.
- Implemented, with minimal use of external libraries, **pixel perfect** authentication, feed, explore, and profile pages.

Arcade Academy (JavaScript, Express, Sequelize, Cheerio, Pug, CSS)   Live | GitHub

video game finder, group project

- Used **Sequelize**, an ORM, enabling my team to write advanced and consistent **Postgres** queries—to store and manipulate critical data about the user including games they've played and their wishlist.
- Enabled functionality for reviews, search, and interaction between users within games through the use of **Pug** and **Express**.
- Built a crawler with **Cheerio** that traverses a site's links, depth first, and scrapes all crucial seed data for every game genre.

EDUCATION

Full-Stack Web Development – *App Academy* | *Spring - Winter 2021*

Relevant Coursework includes: Object Oriented Programming (OOP), Test Driven Development (TDD), Coding Best Practices, Systems Design & Architecture, Data Structures, Algorithms, Agile/SCRUM Methodologies

Bachelor of Arts, English – *University of California, Riverside* | *Sept 2017 - Jun 2020*

ADDITIONAL WORK EXPERIENCE

Crisis Counselor - *Inland SoCal United Way*   July 2020 – Jul 2021

- Honed and leveraged skills in **communication** and de-escalation, offering emotional support and assessing mental health.
- Exhibited ability to **multitask** by assiduously logging crucial data while mollifying the client in high stakes/stressful scenarios.

Undergraduate Research Assistant - *Kids Interaction and Neurodevelopment (KIND) Lab*   Apr 2018 – Nov 2018

- Made dozens of cold calls daily to the subject database for recruitment and handled scheduling for lab examinations and MRI visits, requiring verbal clarity and meticulous **time management**.
- Assisted in psychological screenings and evaluations, interviewing subjects and administering the DSM, tasks which necessitated cultural awareness and **adherence to protocol**.

Teacher - *Global Vision Chrision School (GVCS), Korea | Preply, United States*   Jul 2018 – Aug 2018 || Sep 2020 - Sep 2021

- Taught English at GVCS immersion camp, requiring patience, cultural tolerance, and comfort in foreign environments.
- Adapted teaching style to both a virtual learning environment and the needs of **diverse** clientele (of different ages, backgrounds, and experience levels) as an English instructor.