Joy Haddad

joy4haddad@gmail.com • linkedin.com/in/joyhhaddad • joyhaddad.com • github.com/joyhaddad • Mission Viejo, CA

EDUCATION

University of California, Riverside B.S. in Computer Science with Business Applications   2024
Hackathons: CutieHack, CitrusHack, RoseHack, Bearhack

JOB HISTORY

AAA AMC   Remote
Data Operations Analyst   01/25-present
- ❖ Troubleshoot and maintain appraiser **database integrity,** decreasing discrepancies by 20%.
- ❖ Write and optimize **queries** to identify data inconsistencies between company systems.
- ❖ Collaborate with teams to improve appraiser database efficiency and accuracy.
- ❖ Perform **CRUD** operations for appraisers in both AMC databases, constantly keeping system ready and updated.
- ❖ Upload and manage completed appraisal reports via **SFTP** for processing.

EXPERIENCE

SnapChef • Fullstack Developer • snapchefapp.vercel.app
- ❖ Wrote a script using **AWS S3** and **CloudFront** for efficient image storage and retrieval, with metadata managed in **MongoDB**.
- ❖ Designed and developed majority of **front-end** components, increasing user experience by 50%
- ❖ Collaborated with a team of 5 using **Agile Scrum** methodologies, conducting weekly sprint planning sessions and task assignments during scrum meetings, resulting in a 60% increase in team productivity and organization

MediSearch • Honorable Mention at Bearhack • Lead Front-End Developer • medisearchapp.vercel.app
- ❖ Implemented a user friendly display system for medication details, ensuring seamless presentation upon selection.
- ❖ Fetched data from **OpenFDA API** ensuring accurate and up-to-date information, enabling quick searches by brand or substance name.
- ❖ Empowered users with easy access to understand the risks associated with their medications.

Fitness Tracker • Fullstack Developer • React Native App
- ❖ Designed pages with **Figma** and implemented features using **Nativewind** for workout tracking and progress monitoring, giving users the ability to increase PRs by 15%.
- ❖ Implemented **FastAPI** to connect the backend to the frontend with fetch requests to make the app **dynamic**
- ❖ Resolved backend database fetch request issues allowing development team to seamlessly continue development

GPU Bot • **Python** program for GPU in stock notifications
- ❖ Integrated **Selenium WebDriver** for automated web navigation and data extraction from dynamic web pages.
- ❖ Implemented **Beautiful Soup** for parsing HTML, enabling precise targeting of in-stock items.
- ❖ Customized user agents via **fake_useragent** to bypass web scraping protections, improving data access reliability.

Movie Recommender • C++ program for getting movie recommendations
- ❖ Created Movie recommender by implementing CSV file manipulation in **C++** to read and parse movie database
- ❖ Developed recommendation algorithm in **C++** that suggests movies based on user preferences

SKILLS/COURSES

- ❖ **Programming Languages:** Python, C++, Javascript, Java, CSS/HTML, LC3, SQL, Scala
- ❖ **Technologies:** Git, Linux command line, Excel, Figma, Tailwind CSS, Nativewind**,** AWS Cloudfront, AWS S3, AWS EC2, React, React Native, Next.js, Selenium, Hadoop, Apache Maven, Apache Spark, SQL, Google Test
- ❖ **Relevant Coursework:** Software Engineering, Big Data, AI/ML, OS, Data Structures and Algorithms with C++, Web Development, Assembly, Discrete Structures, Multivariable Calculus