ALEX CUI

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EXPERIENCE

SmartBot360   Sept. 2021 - Current
Software Engineer
- Handled periodic server deployments to clients and occasionally set up new servers on AWS
- Provided customer service for clients by meeting with them to troubleshoot problems
- Trained new coworkers by introducing them to the codebase and helping them familiarize with it
- Everything else described below

                                                                                                      Mar. 2019 - Sept. 2021

Undergraduate Researcher
- Worked as a full stack web developer, while practicing Agile and Kanban as our workflow
- Used Angular to design pages in the front end for a better UI/UX, and also added new features
- Wrote numerous API calls and queries in the back end using Java and JDBC
- Created and modified tables in the database whenever tasks required to do so
- Decreased the time to display core analytical data by more than 50%

PROJECTS

Crunchyroll by Night   Sept. 2022
- Created a Chrome extension that enables a dark mode for Crunchyroll.com
- Also can hide video thumbnails, enable a theater mode, and hide ads and banners

Facial Analyzer   Apr. 2021 - May 2021
- Built a web app that locates and crops all faces in a user-submitted image
- Can guess the person's age, gender, and closest resembling celebrity
- Used Docker and Kubernetes to set up a cloud architecture that saves processing time
- Worked entirely on the front end design and on setting up the cloud

Depush   Mar. 2020
- Created a Chrome extension that notifies you when new items are uploaded onto Depop.com
- Retrieves results in the background periodically and uses the Chrome API to store search terms
- Inspired by the same feature in the Depop mobile app

SKILLS

Languages: C++, HTML, CSS, JavaScript, Angular, Java, SQL, Python
Tools: Git, MySQL, AWS, Trello

ACTIVITIES

Organization, Association for Computing Machinery   Apr. 2018 - June 2020
- Attended weekly meetings and received guidance in the mentorship program

EDUCATION

University of California Riverside
B.S. Computer Science 2021