Griffin Johnson

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OBJECTIVE

Passionate Software Engineer with 6+ years programming experience driven to acquire a full-time position as a Software Engineer.

EDUCATION

Bachelor of Science, Computer Science   Graduated Winter 2020
California Polytechnic State University, San Luis Obispo, CA

COMPUTER SKILLS

Languages & Frameworks: Java, C, C++, Kotlin, Swift, Python, ML, React, MIPS, JavaScript
Major Courses: Data Structures, Intro to Databases, Algorithm Analysis, Mobile Application Development, Computer Architecture, Advanced Rendering Techniques, Systems Programming, OS, Knowledge and Discovery from Data, Programming Languages

PROJECTS

Star Citizen Group Finder Android App - Kotlin   Spring 2020
- Allows users to create and view group listings for the video game Star Citizen.
- Uses Google's Firebase for storage and authentication.
- Developed using fragments.

Sensor Triggers Android App w/ Web App - Kotlin, React   Spring 2019
- Gathers contextual user information such as heart rate, location and weather from the user's device and Garmin smart watch.
- User information is synced with a cloud database solution (Firestore).
- User data is displayed on an authenticated web app with location and heart rate overlayed on a map view.

Ray Tracer - C++   Spring 2018
- Able to parse and read in geometrically defined objects. The objects are then ray traced and a corresponding image is outputted.
- Implemented a soft shadows feature using area lights with adjustable sample size and light radius.

Airport Model System - Java, mySQL   Winter 2018
- Full GUI desktop software consisting of a Customer and Employee software management system needed for an airport.
- Implemented Purchase, Book, and Login modules.

EMPLOYMENT

Frontend Web Developer   Fall 2017 - Spring 2020
SkinnyKitchen.com, San Luis Obispo, CA
- Manage and maintain website.
- Accumulates 5,000+ page views/day.

CSC 436 Teaching Assistant - Android, iOS   Fall 2017 - Spring 2019
California Polytechnic State University, San Luis Obispo, CA
- Mobile Application Development Course in both Android and iOS.
- Assisted students with lab assignments and assignment help.