

Griffin Johnson

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- OBJECTIVE** Passionate Software Engineer with 4+ years programming experience driven to acquire a full-time position at Mindbody.
- EDUCATION** *Bachelor of Science, Computer Science*
California Polytechnic State University, San Luis Obispo, CA, Expected March 2020
- 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**
- 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 overlaid 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.
- Photo Gallery iOS App - Swift* Summer 2017
- Able to view device photos in a grid view.
 - Used the iOS Core Image Framework to facilitate image manipulation filters such as exposure, contrast and sharpening.
- EMPLOYMENT**
- Frontend Web Developer* Fall 2017 - Present
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.