

## Griffin Johnson

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<b>OBJECTIVE</b>	Passionate Software Engineer with 6+ years programming experience driven to acquire a full-time position as a Software Engineer.		
<b>EDUCATION</b>	<i>Bachelor of Science</i> , Computer Science	Graduated Winter 2020	California Polytechnic State University, San Luis Obispo, CA
<b>COMPUTER SKILLS</b>	<i>Languages &amp; Frameworks:</i> Java, C, C++, Kotlin, Swift, Python, ML, React, MIPS, JavaScript <i>Major Courses:</i> 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		
<b>PROJECTS</b>	<i>Sensor Triggers Android App w/ Web App</i> - Kotlin, React Spring 2019 <ul style="list-style-type: none"><li>Gathers contextual user information such as heart rate, location and weather from the user's device and Garmin smart watch.</li><li>User information is synced with a cloud database solution (Firestore).</li><li>User data is displayed on an authenticated web app with location and heart rate overlayed on a map view.</li></ul> <i>Ray Tracer</i> - C++ Spring 2018 <ul style="list-style-type: none"><li>Able to parse and read in geometrically defined objects. The objects are then ray traced and a corresponding image is outputted.</li><li>Implemented a soft shadows feature using area lights with adjustable sample size and light radius.</li></ul> <i>Airport Model System</i> - Java, mySQL Winter 2018 <ul style="list-style-type: none"><li>Full GUI desktop software consisting of a Customer and Employee software management system needed for an airport.</li><li>Implemented Purchase, Book, and Login modules.</li></ul> <i>Photo Gallery iOS App</i> - Swift Summer 2017 <ul style="list-style-type: none"><li>Able to view device photos in a grid view.</li><li>Used the iOS Core Image Framework to facilitate image manipulation filters such as exposure, contrast and sharpening.</li></ul>		
<b>EMPLOYMENT</b>	<i>Frontend Web Developer</i> Fall 2017 - Spring 2020 SkinnyKitchen.com, San Luis Obispo, CA <ul style="list-style-type: none"><li>Manage and maintain website.</li><li>Accumulates 5,000+ page views/day.</li></ul> <i>CSC 436 Teaching Assistant</i> - Android, iOS Fall 2017 - Spring 2019 California Polytechnic State University, San Luis Obispo, CA <ul style="list-style-type: none"><li>Mobile Application Development Course in both Android and iOS.</li><li>Assisted students with lab assignments and assignment help.</li></ul>		