

## Griffin Johnson

---

griffinjohnson@gmail.com  
San Luis Obispo, CA 93405  
(425) 417 - 5098

<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, Computer Science</i> California Polytechnic State University, San Luis Obispo, CA	Graduated Winter 2020
<b>COMPUTER SKILLS</b>	<i>Languages &amp; Frameworks:</i> Java, C, C++, Kotlin, Swift, Python, ML, React, MIPS, JavaScript, Unity, Linux	
<b>PROJECTS</b>	<i>Star Citizen Group Finder Android App</i> - Kotlin Spring 2020 <ul style="list-style-type: none"><li>Allows users to create and view group listings for the video game Star Citizen.</li><li>Uses Google's Firebase for storage and authentication.</li></ul> <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> SkinnyKitchen.com, San Luis Obispo, CA	Fall 2017 - Spring 2020
	<i>CSC 436 Teaching Assistant</i> - Android, iOS California Polytechnic State University, San Luis Obispo, CA	Fall 2017 - Spring 2019
	<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>	