

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	<i>Bachelor of Science, Computer Science</i> California Polytechnic State University, San Luis Obispo, CA	Graduated Winter 2020
COMPUTER SKILLS	<i>Languages & 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	
PROJECTS	<i>Star Citizen Group Finder Android App</i> - Kotlin	Spring 2020
	<ul style="list-style-type: none">• Allows users to create and view group listings for the video game Star Citizen.• Uses Google's Firebase for storage and authentication.	
	<i>Sensor Triggers Android App w/ Web App</i> - Kotlin, React	Spring 2019
	<ul style="list-style-type: none">• 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.	
	<i>Ray Tracer</i> - C++	Spring 2018
EMPLOYMENT	<ul style="list-style-type: none">• 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.	
	<i>Airport Model System</i> - Java, MySQL	Winter 2018
	<ul style="list-style-type: none">• Full GUI desktop software consisting of a Customer and Employee software management system needed for an airport.• Implemented Purchase, Book, and Login modules.	
	<i>Frontend Web Developer</i> SkinnyKitchen.com, San Luis Obispo, CA	Fall 2017 - Spring 2020
	<ul style="list-style-type: none">• Manage and maintain website.• Accumulates 5,000+ page views/day.	
	<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">• Mobile Application Development Course in both Android and iOS.• Assisted students with lab assignments and assignment help.	