

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	
PROJECTS	<i>Star Citizen Group Finder Android App</i> - Kotlin • Allows users to create and view group listings for the video game Star Citizen. • Uses Google's Firebase for storage and authentication. Spring 2020	
	<i>Sensor Triggers Android App w/ Web App</i> - Kotlin, React • 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. Spring 2019	
	<i>Ray Tracer</i> - C++ • 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. Spring 2018	
	<i>Airport Model System</i> - Java, MySQL • Full GUI desktop software consisting of a Customer and Employee software management system needed for an airport. • Implemented Purchase, Book, and Login modules. Winter 2018	
	<i>Photo Gallery iOS App</i> - Swift • 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. Summer 2017	
EMPLOYMENT	<i>Frontend Web Developer</i> SkinnyKitchen.com, San Luis Obispo, CA • Manage and maintain website. • Accumulates 5,000+ page views/day. Fall 2017 - Spring 2020	
	<i>CSC 436 Teaching Assistant</i> - Android, iOS 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. Fall 2017 - Spring 2019	