

Tyler Condon

5830 Lean Avenue • San Jose, CA, 94085

tylercondon55@gmail.com

(858) 354-7542

Education	<i>Bachelor of Science, Computer Engineering</i> , June 2016, GPA 3.55 University of California - Santa Cruz	
Work Experience	<i>Software Engineer - IBM - CA</i>	June 2016-Present
	<ul style="list-style-type: none">• Worked with stored procedures and SQL queries to perform various operations on and get information from the mainframe• Gained experience using Java Servlet API, JSON and redux to communicate between modules and pull data from the backend• Used React framework to improve and expand existing UI of a Java based desktop application	
	<i>Software Backend CoX Intern - Lattice Semiconductor - CA</i>	June 2015-September 2015
	<ul style="list-style-type: none">• Worked in a team specializing in static timing analysis for FPGA• Gained experience debugging and testing in a linux environment• Used C++ to implement timing constraint parsing optimization for hardware designs	
Projects	<i>Plantronics DECT Testing Unit</i>	September 2015-June 2016
	<ul style="list-style-type: none">• Created a cost efficient replacement to outdated DECT testing equipment• Used Lab View to integrate waveform analyzer with the CPU• Automated data capture to spreadsheet to allow for continuous testing	
Relevant Coursework	<i>Computer Networks</i>	Winter 2015
	<ul style="list-style-type: none">• Gained understanding of congestion control mechanisms and routing algorithms• Applied knowledge of TCP to create peer to peer chat application	
	<i>Operating Systems</i>	Winter 2015
	<ul style="list-style-type: none">• Gained experience with multithreading, scheduling and deadlocks• Modified operating system to allow for lottery based scheduling	
	<i>Algorithms and Abstract Data Types</i>	Fall 2014
	<ul style="list-style-type: none">• Gained experience analyzing efficiency of algorithms and designing efficient algorithms• Used C and Java to create programs that implement Dijkstra's algorithm, DFS and BFS	
Skills	<ul style="list-style-type: none">• Proficient: C/C++, Java, JavaScript familiar with: Ruby on Rails , HTML/CSS, and Python• Strong experience using Git/Github for source code control• Experience working in Linux/Unix environments	
Club Affiliations	<ul style="list-style-type: none">• Tau Beta Pi Engineering Honor Society (member since 2014)	