

Aaron Liao

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EDUCATION	University of California, Irvine	August 2014 – June 2018
	Class Standing: Senior Major: Computer Engineering, B.S. Courses: Digital Logic, Network Analysis, Computer Organization / Microprocessors	GPA: 3.78
SKILLS	Hardware: Arduino, 3D Printing, Soldering, Lab Equipment	
	Software: SharePoint, MS Office, Visio, InfoPath, SolidWorks, PSpice, vSphere, MATLAB, Mathematica, QuestaSim	
EXPERIENCE	Languages: C, Java (Android API), Python, VBA, SystemVerilog	
	Boeing	June 2016 – Sept 2016
	<u>Intern – Information Technology</u>	<u>St. Louis, MO</u>
	<ul style="list-style-type: none">• Part of systems integration team that maintains ~2000 servers & infrastructure• Created & successfully proposed to senior mgmt. a new cost savings tracking tool using InfoPath, SharePoint, and Excel macros• Created SharePoint website to house cost savings tool, team metrics, meeting notes• Balanced multiple responsibilities and projects concurrently• Maintained server compliance using VMware tools• Decommissioned servers for data center migration• Tracked obsolescence status for multiple software / OS	
	High School Starleague	April 2012 – Present
	<u>Product Manager</u>	<u>Online</u>
	<ul style="list-style-type: none">• Managing 4 online tournaments with thousands of players and scholarship prizing• Training other division administrators to use software and tools• Managed tournament at Press Start: Irvine—gaming festival w/ 3000+ attendees	
	NOVAtime Technology, Inc.	Summer 2013
	<u>Operations and Sales Intern</u>	<u>Diamond Bar, CA</u>
	<ul style="list-style-type: none">• Installed and programmed proprietary firmware on biometric time clocks• Scripted and directed instructional videos on time clocks for end-users	
PROJECTS	<u>Kikei ARM Processor (Team-Based Project)</u>	<u>January – March 2017</u>
	<ul style="list-style-type: none">• Compiled, optimized, simulated, and synthesized an ARMv7 processor using SystemVerilog, QuestaSim, and Synopsys	
	<u>Cost Savings Tool</u>	<u>July – August 2016</u>
	<ul style="list-style-type: none">• Proposed to Boeing senior mgmt; now in prod. use to track \$500K+ in annual savings• Replaced previous tool, adding functionality and a more streamlined user experience• Learned from scratch and put into use an end-to-end integration of an InfoPath form, a SharePoint website, Excel macros and PivotTables to generate a manager-friendly analytics dashboard	
	<u>two-K</u>	<u>April 2015</u>
	<ul style="list-style-type: none">• Produced and sold 25 compact keypads using SolidWorks and 3D printing• Soldered key switches to Adafruit Trinket—Arduino programmable microcontroller	