

# Aaron Liao

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