

# Tin Thurein

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CONTACT	<b>Website:</b> <a href="http://tthurein.github.io">tthurein.github.io</a> <b>Email:</b> <a href="mailto:tthurein@ucsc.edu">tthurein@ucsc.edu</a> <b>Phone:</b> (415)-699-1146	
EDUCATION	<b>Bachelor of Science, Electrical Engineering</b> University of California, Santa Cruz Concentration: Electronics/ Optoelectronics	<b>September 2015-June 2017</b>
	<b>Associate of Science, Engineering</b> City College of San Francisco, San Francisco	<b>August 2012-May 2015</b>
COMPUTER SKILLS	<b>Languages &amp; Software:</b> C, C++, Python, Verilog, MATLAB, Eagle, PSpice, National Instrument Circuit Suite <b>Computer Engineering:</b> MIPS Assembly, Logic Design, Communication, FPGA <b>Operating Systems:</b> Windows, Mac OSX, Linux <b>IDE:</b> Arduino, PSoC IDE, Particle Atom	
EXPERIENCE	<b>Farmers Sales Producer</b> Sandra Htwe Agency, San Jose, CA	<b>July 2015-November 2016</b>
	<ul style="list-style-type: none"><li>• Performed administrative tasks, such as handling policy renewals and maintained records.</li><li>• Evaluated individual customers needs and proposed plans to meet their criteria.</li><li>• Provided customer services, such as claims, quoting rates and follow-ups.</li></ul>	
	<b>Front Desk Receptionist</b> City College of San Francisco, Extended Opportunity and Services	<b>March 2014-July 2015</b>
	<ul style="list-style-type: none"><li>• Performed database management, data entry and word processing.</li><li>• Maintained office schedule for counselors.</li><li>• Learned to operate new office technology.</li></ul>	
	<b>Math &amp; English Tutor</b> City College of San Francisco, Extended Opportunity and Services	<b>June 2012-June 2013</b>
	<ul style="list-style-type: none"><li>• Held tutoring session for 12th, 11th, 6th and 5th graders.</li><li>• Assisted with homework problems, and reviewed class materials.</li><li>• Monitored student performance through weekly short quizzes.</li></ul>	
Projects	<b>Senior Capstone Project</b>	<b>January 2017-June 2017</b>
	<ul style="list-style-type: none"><li>• An IoT Supervisory Control and Data Acquisition (SCADA) system for local Water reservoir.</li><li>• Provides Real-Time monitoring and control to authorized user.</li><li>• Teamed with 3 other students to design and prototype a scalable SCADA system.</li></ul>	

***Audio Amplifier*****August 2014-December 2014**

- Teamed with 2 peers on designing and prototyping audio amplifier.
- Designed PCB layout and routing for the amplifier circuit.
- Designed and prototyped audio amplifier.

***AM/FM receiver*****January 2015-May 2015**

- Assisted and prototyped with the design of AM/FM receiver.
- Examined and tested receiver functionalities.
- Simulated in Multisim prior to prototyping and tweaking.

***Adjustable Powersupply*****January 2015-May 2015**

- Collaborated with 2 peers to design a variable power supply.
- Conducted efficiency and heat dissipation of linear voltage regulators at various load.
- Assembled and tested the prototype.

**EXTRA-  
CURRICULAR  
ACTIVITIES**

Volunteered at Burmese community events  
Burmese Student Club member at CCSF  
Tutored at afterschool program for elementary students

**LINKS**

**LinkedIn:** <http://linkedin.com/in/tinhurein>  
**GitHub:** <https://github.com/tthurein>  
**Personal website:** <https://tthurein.github.io>