

Major GPA: 3.07

Objective

Obtain a position as an Engineer where I can utilize my electrical engineering skills in order to develop hardware efficiently, work productively with colleagues, and attain more knowledge in the field of my interest.

Education

California Polytechnic State University, San Luis Obispo	2007 – 2014
Electrical Engineering, BS	Microwave Focus
Pierce College, Los Angeles	2010 – 2011
Cuesta College, San Luis Obispo	2011

Projects

- Wideband Balun Design with Ferrite Cores (Senior Project)
 - Design of 2.4 GHz helical antenna
 - Design of helical resonator filter
 - Design of 2.4 GHz pulse radar
 - Design of ultrasonic transmitter/receiver
 - Design of a 3-stage BJT op-amp
 - Design of a 2-stage CMOS op-amp
 - Design of PWM LED driver optimizing power dissipation, cost, and physical size
 - Design of Harvard architecture microprocessor
 - Programmed image stitching application through the use of projective transformations
 - Mathematical modeling of an ideal pendulum through numerical analysis
 - iPod 30-pin connector breakout board
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Memberships and Clubs

- Cal Poly Amateur Radio Club, Extra License (KK6IAA)
 - IEEE, Cal Poly Student Branch
 - SPIE, The International Society for Optical Engineering
 - RF, Microwaves, And Photonics Club
 - Cal Poly SAE Formula Electric
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Work Experience

Nest	
RF/Antenna Design Engineer	Winter '14 – present
Nest	
RF Engineering Intern	Summer '14 – Winter '14
NS - Small Business Consulting	
Bookkeeper/Office Assistant	Summer '10 – Winter '12
The Bohle Company	
Bookkeeper/Administrative Assistant	Summer '10 – Winter '12

Other Activities & Interests

Attained Eagle Scout rank. Project took 1 year to plan and was executed over a 3 month time span and involved leading 36 people. The final report was 100+ pages long.