

Jonathan Young

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EDUCATION

Bachelor of Science, University of California, Santa Barbara (2013-Present)

- Major: Electrical Engineering, 4th year
- Expected Graduation: June 2017

High School Level education, Oak Park High School (2009-2013)

- Graduated June 2013

QUALIFICATIONS

- Proficient programming skills with C++, Arduino, C, and Matlab
- Proficient understanding of circuit physics, analysis, and design
- Proficient abilities in PCB design and layout
- Elementary Java, Android development, Python, Verilog
- Highly proficient with Microsoft Office programs
- Proficient in 3D modeling with Cinema 4D, 2D design with Adobe Illustrator, Photoshop
- Fluent in English, Mandarin
- Meticulous multitasker
- Acquires skills and knowledge quickly, driven to learn everything about a given subject

WORK & EXPERIENCE

- UCSB Undergraduate Teaching Assistant for ECE5 (Sponsored by Northrop Grumman) (Winter 2016, Winter 2017)
 - Co-taught undergraduate “intro to ECE” class, wherein students get first exposure to the Arduino and its capabilities; fifteen hours a week
- GESTUR: Multi-combinational Sensing Glove (Spring 2015 - Current)
 - Senior CAPSTONE project, creating a glove controller comprised of a sensor system and a feedback system. Applications in VR and beyond
- Augmented Reality boARd Virtual Application (Winter 2016)
 - Worked with a partner on an Android application that uses Unity 3D and Vuforia API; uses a target image and shows checkers that users connect to via a local network
- Oak Analytics – Paid Intern (Fall 2015)
 - Trained on the Nicolet Magna 860 FTIR/Raman spectrometer in the UCSB Materials Research Spectroscopy Lab; roughly four hours a week