Keenan Zucker

(650) 823-0186 📞
keenanzucker.com 🌐
keenan.zucker@students.olin.edu ✉
keenanzucker 🐙

EDUCATION

Olin College of Engineering
BS in Engineering Candidate | May 2018

Recipient of 4-year, 50% Tuition Scholarship

Classes include: Software Design*, Design Nature, Modeling and Simulation, Mechanics*, Introduction to Sensors and Measurement, Products & Markets*, Linearity with Lab*

*to be completed by Spring 2015

Mountain View High School
High School Diploma with Honors | June 2014
GPA (unweighted): 4.0 GPA

Foothill College
Summer 2013
Took classes in Object-Oriented C++ and Biotechnology.

SKILLS + SOFTWARE

Programming: Java, Python, Matlab, basic HTML & CSS, Linux, Git

Software: SolidWorks, Adobe InDesign, Adobe Illustrator, LaTeX

Fabrication: Lathe, Mill, 3D Printer

VOLUNTEERING/ACTIVITIES

Amnesty International
Mountain View CA | Sep 2011 - Aug 2014

Vice-President of on-campus club for promotion and activism of global human rights.

Spartan Sports Camp
Mountain View CA | Jun 2011 - Aug 2014

Helped design and run soccer camp for teenages, with profits benefitting high school's sports program.

EXPERIENCE/PROJECTS

SAE MiniBaja Phoenix Racing
Needham MA | Aug 2014 – present

Help design and build off-road MiniBaja vehicle to compete in SAE competitions. Completely student run. Part of Chassis and Suspension Team. Work includes designing a front-braced vehicle in SolidWorks, running Finite Element Analysis tests, and fabrication. Personally designed and machined rear rubs.

#Hashtag Gloves
South Hadley MA | Nov 2014

Participated in Major League Hacking sponsored event called Hack Holyoke. Won 3rd place out of around 50 teams. Designed gloves with voice recognition integration that 'tweeted' the recognized words after user makes 'hashtag' motion on gloves. Articles featured on today.com, DailyDot, Gizmodo, KGW news, and more.

Olin iCal Creators
Needham MA | Oct 2014

Won a Stay Late and Create (SLAC) sponsored hack-a-thon. Team of three designed a web app able of converting an online class schedule to iCal format to email as an attachment for Olin student use. Worked on backend in Python.

Stanford Bioengineering Bootcamp
Palo Alto CA | Summer 2013

Conducted research and prototyping of an ambulance with CT scan capabilities. Designed in SolidWorks and 3D printed model of ambulance to present to board of professors along with research paper. Worked in a small team setting with graduate students and professors as mentors.

Electric GoKart Build
Mountain View CA | Spring 2013

Built an electric powered go kart in teams of four and competed in speed, torque, and obstacle course challenges. Go kart was all student designed in small team setting, constructed all tubing and electrical components by hand.