

Sean W. Keenan

CONTACT INFORMATION	MSC 419 Pasadena, CA 91126	<i>Mobile:</i> +1-(484)-278-1337 <i>E-mail:</i> skeen@caltech.edu
OBJECTIVE	Internship with aspects pertaining to Electrical Engineering, Computer Science, Mechanical Engineering	
EDUCATION	The California Institute of Technology , Pasadena, CA, USA GPA of 3.5 as of Fall 2011 Pursuing B.S., Electrical Engineering, Expected June 2014 <ul style="list-style-type: none">• Emphasis: <i>Digital Design and Programming</i> Carnegie Mellon University , Pittsburgh, PA, USA Introduction to Electrical and Computer Engineering (A+) Introduction to Robotics (A)	
SKILLS	Python, Java, Android, x86 assembly, Labview, C++(limited), Google App Scripts, Physics, Circuit analysis, Woodworking, Machining, Welding	
EXPERIENCE	UPenn Research Assistant June to August of 2009, 2010 <ul style="list-style-type: none">• Labview/scripting to automate measurements and format data• Work was on electronics for large scale scientific projects: ATLAS(LHC), LSST Science Olympiad 2006 - present <ul style="list-style-type: none">• CA tournament steering committee member (coordinate volunteering, resources, etc)• Test writer, Rule Arbitrator, and Event Supervisor at Regional/State competitions• Ex-Captain of student run team, 4th place team nationally• Electric Vehicle ('08) - 1st nationals, programmed vehicle, PID controlled.• Electric Balance ('09) - 1st states, $\pm 0.15g$, maximum loading $2kg+$. Strain gauges, self-designed electronics, and custom metal beam. (Event not run at Nationals)• Other nationally medaling (top 6) events include: Accurate ballistic device, coin sorter, angle measuring device, model bridge building, Rube-Goldberg device, physics lab, and the physics/history of time. Lloyd house (Caltech dorm) 2010 - present <ul style="list-style-type: none">• Organized construction and constructed 800+ square foot multi-level dance platform• ITS rep - Caltech hired student for technology services in the house (peer chosen) Co-taught Intro Computer Science Class 2009 - 2010 Android Camp at Google Summer of 2011	
INTERESTS	Projects (Electrical, mechanical, and programming based) Long boarding, Physics (Mechanics and E&M), Board games, Smartphones	
REFERENCES	References available upon request	