


# Keenan Zucker

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## EXPERIENCE

### **NVIDIA Performance Analyst Intern**

Santa Clara CA | May 2015 - Aug 2015

Worked in the Performance Lab in the Notebook sector. Tested, debugged, and wrote automation code in Perl to investigate GPU performance on multitude of platforms and operating systems. Spearheaded platform and competitor comparisons and baselines.

### **Olin College Resident Resource (R2)**

Needham MA | Aug 2015 - present

Primary responsibilities include demonstrating leadership and initiative in attending to the individual, personal, social and academic needs of students at Olin, including first-year students during their transition from high school to college.

### **Freelance Graphic Design**

Needham MA | Aug 2015 - present

Work includes mostly logo design and branding and well as consulting. Online store on Redbubble.com

## EDUCATION

### **Olin College of Engineering**

BS in Engineering Candidate with Concentration in Software Product Design | May 2018

*Recipient of 4-year, 50% Tuition Scholarship*

Relevant Coursework: Software Design, Principles of Engineering\*, Dynamic Interface Design\*, Modeling and Simulation, Mechanics, Mobile Prototyping\*

\*currently enrolled

## SKILLS & SOFTWARE

**Programming:** Python, HTML & CSS, Javascript & JQuery, Java, Matlab, Linux, Git, Arduino C

**Software:** Illustrator, InDesign, Flash, Android Studio, LaTeX, SolidWorks

**Fabrication:** Manual Lathe, MIG Welding, 3D Printing

## PROJECTS & CLUBS

### **#Hashtag Gloves**

South Hadley MA | Nov 2014

Participated in Major League Hacking sponsored event called HackHolyoke Fall. 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. Worked in Python on Twitter integration.

### **SAE MiniBaja Phoenix Racing**

Needham MA | Aug 2014 - present

Help design and build off-road MiniBaja vehicle to compete in national SAE competitions. Part of leadership team on completely student-run team and one of primary team welders. Working on branding overhaul and website redesign. Leading the development of a branding manual. New website designed using MongoDB, Node.js, Angular.

### **Stay Late and Create (SLAC)**

Needham MA | Aug 2014 - present

Member of leadership team to organize student-run club. SLAC creates the space and environment to foster Olin's project-based culture. Through teaching, learning, and the exploration of new areas, students broaden their skill-sets, perspectives, and sense of community. Holds hackathons and weekly meetings.

### **Funnl**

Cambridge MA | Sep 2015 - present

Developed a news aggregation webapp at HackMIT 2015. App collected and displayed unique content funneled from top news sources for efficient and intuitive reading experience. Also included sentiment and political analysis and summaries of articles. Featured on the indico.io gallery page. Developed in Flask. Have continued development for larger scalability. Working mostly on front-end design and UI/UX using HTML/CSS/Javascript and Illustrator.

### **Falcon Camera Systems**

Needham MA | Sep - Dec 2015

Built a cable-suspended camera system, similar to a 'Skycam,' for Principles of Engineering final project. Targeted for amateur filmmakers, Falcon is mounted indoors, in a room-sized setting, allowing unique and smooth footage by spooling cable to each mounted 'node.' Controlled by Arduinos connected via Bluetooth to a Raspberry Pi. Software developed using Arduino C and Python.