

Diana Zhang

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EDUCATION

Carnegie Mellon University , Pittsburgh, Pennsylvania	
Master's of Science (M.S.) in Electrical and Computer Engineering	Anticipated May 2018
The Pennsylvania State University , University Park, Pennsylvania	
B.S. in Electrical Engineering, Computer Engineering	Aug 2012 – May 2016
<ul style="list-style-type: none">• Graduated with Honors and Distinction.• International Engineering Certificate• Cumulative GPA: 3.79 / 4.00	
University of Auckland , Auckland, New Zealand	Semester One 2015

WORK EXPERIENCE

Penn State School of EECS , <i>Teaching Intern</i>	Aug 2014 – May 2016
<ul style="list-style-type: none">• Communicated with students to explain core electrical engineering concepts• Enriched student experience with additional conceptual explanations• Connected material to industry and subsequent coursework• Previous: Troubleshooted hands-on work with students as Lab Assistant	Aug 2013 – May 2014
Penn State Learning , <i>200-level Math Tutor</i>	Jun 2013 – May 2016
<ul style="list-style-type: none">• Led exam review sessions with a partner to rooms of 100+ students• Assisted students with Multivariable Calculus, Differential Equations, Matrices• Motivated students using applications to their particular fields	
Clemson School of Computing , <i>Undergraduate Research Assistant</i>	Jun 2014 – Aug 2014
<ul style="list-style-type: none">• Designed power system for a solar-powered, ultra-low power sensor module• Utilized CAD tools, a repository, and collaboration for effective design• Presented a midterm oral presentation and a final poster presentation	

LEADERSHIP EXPERIENCE

Penn State Association of Women in Computing , <i>President</i>	Sep 2014 – Sep 2015
<ul style="list-style-type: none">• Led efforts to attract and retain women in computing at Penn State• Coordinated events with companies and Penn State student organizations• Previous: Organized Socials, Apparel, and Meetings as Secretary	Sep 2013 – Sep 2014
No String Attached A Cappella Ensemble , <i>Music Director</i>	Mar 2013 – Nov 2014
<ul style="list-style-type: none">• Led rehearsals twice a week, focusing on developing musicality• Planned long-term ensemble performance goals, and scheduled accordingly• Motivated members to stay engaged throughout rehearsals	
CodePSU Programming Competition , <i>Board of Directors</i>	Oct 2013 – May 2015
HKN Honors Society , <i>Epsilon Chapter</i> , <i>Outreach Committee Member</i>	Dec 2013 – Dec 2014

SOFTWARE SKILLS

Hardware Design Tools: Verilog, Multisim/SPICE, Eagle, ModelSim
Programming: C/C++, Java, Python, HTML/CSS
Assembly-Level Programming: ARM, MIPS, CPU12
Other Software: MATLAB, Linux, L^AT_EX, GitHub, Mercurial, FreeRTOS, Esterel

OTHER AWARDS

2016 WEP Joelle Leadership Award	Apr 2016
Recognizes a woman who demonstrated leadership, citizenship, and volunteer spirit that positively affect the climate for women in the College of Engineering.	
Penn State College of Engineering Madden Honors Scholarship	Sep 2012– May 2016
Penn State Schreyer Honors College Tech Trustee Scholarship	Sep 2014– May 2016
Penn State Department of Electrical Engineering Guthrie Scholarship	Sep 2014– May 2016
NASA Space Grant: Women in Science and Engineering Research	Jan 2013– Dec 2013