

Kyle Wiedeman

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Objective To obtain an entry-level electrical engineering position that will enable me to utilize my hands-on electrical engineering experience, leadership skills, and ability to work well with others.

Summary of Qualifications Detail oriented and thoughtful professional
Team player and natural leader with strong ethical code
Proficient in C, C++, MATLAB, MATLAB SIMULINK, VHDL
Experience with CAD software: Ansoft Maxwell, Mentor Graphics
Passion for learning about new technology

Education **B.S. in Electrical Engineering** May 2013
Northern Arizona University, Flagstaff, AZ
GPA: 3.0
GPA in pervious semester: 3.41

Engineering Experience **APS Transformer Test Project** September 2012 – Present
Senior Capstone Project, Northern Arizona University, Flagstaff, AZ

- Introduced to testing procedures done at APS

Sustainable Nuclear Fusion Project September 2012 – Present

- Class Project, Northern Arizona University, Flagstaff
- Experience leading a small team on complex problems
 - Gained basic knowledge of nuclear power
 - Knowledgeable about high-power applications to the grid

Electric Bike Project August 2012 – Present

- Individual Project, Flagstaff, AZ
- Experience with power electronics and battery management systems
 - Designed and tested the motor controller
 - Gained technical troubleshooting experience

Junkyard Generator Project September 2011 – December 2011

- Class Project, Northern Arizona University, Flagstaff, AZ
- Designed and built a human-powered linear generator
 - Advanced verbal and written communication skills necessary to effectively collaborate in a team

Prius Motor Project September 2011

- Class Project, Northern Arizona University, Flagstaff, AZ
- Modeled the magnetic fields of a Prius motor using Ansoft Maxwell
 - Experience collecting and analyzing data and developing reports
 - Experience documenting systems and operations process in detail
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Work Experience **Shop Assistant** May 2008 – August 2009
Discount Blind Center, Lake Elsinore, CA

- Developed strong work ethic and commitment to serve the company
- Developed strong team working skills with co-workers

Activities **Track and Field** August 2011 – March 2012
Northern Arizona University, Flagstaff, AZ

- Gained leadership team working skills leading the team to an indoor championship season
- Learned discipline, teamwork, how to follow instructions and hard work

(References available upon request)