

EMILY ROEBLING

1439 SW Washington Way • Vancouver, Washington 98686
(360) 333-4444 • emily.roebbling@email.wsu.edu

SUMMARY

- Solid understanding of electrical engineering, semiconductor devices, and renewable energy principles
- IEEE, The Institute of Electrical and Electronics Engineers, student member
- Tireless work ethic, maintaining a 3.7 GPA while working as much as 30 hours a week
- Proven track record of responsibility and leadership demonstrated in civilian positions and the US Air Force
- Over 6 years of experience communicating effectively in teams in the work place

EDUCATION

Bachelor of Science in Electrical Engineering

Washington State University Vancouver, Vancouver, WA

Expected May 2017

GPA: 3.7

Relevant Coursework: Digital Systems Design, Silicon Integrated Circuit Design Technology, Nanotechnology for Semiconductor and Renewable Energy Applications

United States Air Force Academy, Electrical Engineering

Academically ranked 12th out of 1000 cadets at time of honorable discharge

2009 – 2011

GPA: 3.8

Relevant Coursework: Differential Equations with Circuit Applications I, Electronics I, Fundamentals of Mechanics, and Electrical Circuits and Systems with Differential Equations and Linear Algebra

ENGINEERING PROJECTS

Evaporative Cooler, Washington State University Vancouver

Spring 2015

- Designed, built and tested an evaporative cooler using xyz techniques
- Add another bullet or two about skills used in the project and results

Second Project Here, Washington State University Vancouver

Fall 2014

- Make sure to use details of the project – if it is a team project focus on what you accomplished as a team member
- If you presented work to the class or as part of a poster fair make sure to add this information

LEADERSHIP

Cadet, United States Air Force Academy, Colorado Springs, CO

June 2009 – July 2011

- Collaborated in groups of up to 6 members on real-life scenarios to experiment, analyze, and create solutions to increase understanding of engineering principle applications
- Vice President of the local Institute of Electrical and Electronics Engineers chapter, and a leader in the Crossfit club
- Underwent over 800 hours of training on small group tactics, interpersonal dynamics in extreme situations, and Air Force regulations

OTHER EXPERIENCE

Carpenter/General Laborer, Byrd Construction, Longview WA

July 2011 – August 2015

- Developed a solid understanding of design and construction with numerous large and small scale opportunities
- Implemented design elements into construction projects, gaining valuable insight into the implementation phase of projects

Customer Service Representative, DirecTV, Portland OR

July 2008 – August 2009

- Used problem solving and communication skills to effectively address customer questions and concerns
- Ranked in the top 10% in new service sales and upgrades out of a staff of 65

COMMUNITY SERVICE

Big Brothers/Big Sisters – Falcon Club

September 2009 – June 2011

- Served as Big sister for a young teen and participated in various events with the club