

# EMILY ROEBLING

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## 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

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### 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

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### 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

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### 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

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### 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

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### 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