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## **Jenna Neer**

5000 N. Willamette Avenue  
Portland, OR 97203  
(503) 943-8000  
pilot14@up.edu

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Dedicated Electrical Engineering major with solid range of technical skills. Excellent interpersonal skills combined with experience working in professional team environments through academic coursework and professional experiences.

### EDUCATION

University of Portland | Portland, OR

#### **B.S., Electrical Engineering**

Expected May 2019

University of Portland Salzburg Program | Salzburg, Austria

Summer 2018

### TECHNICAL SKILLS

MATLAB, Java 6, C, B<sup>2</sup>Logic, LINUX, B<sup>2</sup>Spice, PSPICE, LEDIT, Microsoft Office Applications

### RELATED COURSEWORK AND PROEJCTS

#### **CE Amplifier Design and Build**

Spring 2018

- Independently created hand-design using circuit analysis techniques, simulated and verified hand analysis using PSPICE, and built and tested circuit in the lab
- Formulated a final professional-style report summarizing the successful design of a CE Amplifier

#### **Design of a Hardware Binary Integer Sorter**

Spring 2018

- Designed a digital hardware binary integer sorter, using B<sup>2</sup>Spice and standard 74-series devices, to take in four 8-bit binary numbers and display the results on LEDs and 7-segment displays
- Authored an eleven page technical report to summarize design and operation of the sorter

#### **Theoretical Logic Design**

Fall 2017

- Implemented hierarchical design techniques to design and test a BCD-to-Seven Segment Decoder using only NAND gates with B<sup>2</sup>Logic
- Exhibited a successful design and summarized procedure in a formal report

#### **Freshman Design Competition**

Fall 2016

- Collaborated with a team of four to conceive, design, build, and competitively demonstrate a wooden device that could stack blocks, within a limited time, by remote control
- Overcame challenges of cost allowances and limited resources
- Summarized the process, design project tests, and results of the competition in a 12-page technical report and presentation to faculty members and 100+ engineering students

### RELATED EXPERIENCE

**Media Services Technician** | University of Portland | Portland, OR

Spring 2017 - Present

- Provide technical support and assistance in operating media equipment to students, faculty and staff on campus
- Deliver, set up, and disassemble technical equipment in classrooms and facilities
- Employ troubleshooting skills, gaining vital teamwork experience and gaining knowledge in customer service techniques

**Remodel Employee** | Jo-Ann Fabrics and Crafts | Woodland, CA

Summer 2016

- Participated in a nationwide store remodel to manually reconstruct display structures
- Learned to work with tight deadlines in high pressure environment