

# JENNIFER P. MICHAEL

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## EDUCATION

**West Virginia University**, Morgantown, WV

Anticipated: May 2017

*Bachelor of Science in Electrical Engineering (ABET-accredited)*

Overall GPA: 3.6

## CLASS PROJECT EXPERIENCE

**Electrical Engineering Senior Design**

Fall 2016 – Present

*Amazon Echo Speaker Design Project*

- Designed a speaker based on loudness, clarity and range of frequencies in a team environment
- Used materials including wood, paper, plastic, rubber, magnets, and copper wire
- Consulted with a professional electrical engineer

**Electromechanical Energy Conversion and Systems**

Fall 2015

*Modelling of Three-Phase Induction Motor Using SIMULINK*

- Based on the two-axis theory of revolving frame transformation
- Used power course and load torque as inputs and gavel speed and electromagnetic torque as outputs
- Accounted for power supply and magnetic saturation of the motor

## RELEVANT COURSES

Device Design and Integration | Fiber Optics Communications | Introduction to Antennas

## EXTRACURRICULAR ACTIVITIES

**Society of Women Engineers**, WVU Chapter

August 2016 – Present

*Professionalism Chair*

- Organized an Etiquette Dinner for over 100 members; secured \$8,500 in sponsorships

**Engineers Without Borders**, WVU Chapter

August 2015 – May 2016

*Vice-President of Membership*

- Increased new membership pledges by 25% this semester through new marketing efforts

## WORK EXPERIENCE

**Comcast**, Morgantown, WV

August 2014 – Present

*Customer Service Representative*

- Provide excellent customer service with 98% 4/5 or 5/5 survey rankings

## TECHNICAL SKILLS

LTspice IV | Pspice | Simulink | Revit | VHDL | Audacity | Linux