

# Rachel Simms

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## OBJECTIVE

To obtain a co-op position in Electrical Engineering.

## EDUCATION

University of Michigan-Dearborn, Dearborn, MI  
Bachelor of Science in Engineering, Electrical Engineering  
GPA: 3.35  
Expected Graduation: May 2017

## SKILLS

- Cadence
- MATLAB
- Software Diagnostics
- LTSpice
- Soldering
- Root Cause Analysis

## COURSE RELATED PROJECTS

- IR Remote Control Detector
- Single Supply Amplifier
- Triangular Wave Generator
- Pulse Width Modulator
- 4-Port Diverter Simulator Circuit
- Motor Voltage Regulator

## WORK HISTORY

- |  |               |
|--|---------------|
| <b>ZF TRW</b> Farmington Hills, MI<br>Engineering Technology Co-op   | 05/15 - 08/15 |
| <ul style="list-style-type: none"><li>• Robustness Testing</li><li>• Negative Transient Testing</li><li>• Harness Rework</li></ul>   |               |
| <b>GE Appliances</b> Louisville, KY<br>Engineering Technology Co-op  | 08/14 - 12/14 |
| <ul style="list-style-type: none"><li>• Created a 4-Port Diverter Simulator Circuit</li><li>• Redesigned MC Best ALT Load Board using Cadence</li><li>• Setup &amp; Monitored MC Best Accelerated Life Test</li><li>• Set personality for MC Boards</li><li>• Harness &amp; Board Rework</li><li>• Modified BBT box to add CSM capability</li><li>• Root caused MC Best ALT Load Board</li></ul> |               |

## ACTIVITIES

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|---|----------------|
| <b>Lab Assistant – Introduction to Engineering &amp; Computers</b>  | 2015 - Present |
| <ul style="list-style-type: none"><li>• Lab Assistant for ENGR 100 at the University of Michigan-Dearborn</li></ul> |                |
| <b>Society of Women Engineers – Program Coordinator</b>   | 2016 - Present |
| <b>UM-D Women's Club Soccer</b>   | 2013 - Present |
| <ul style="list-style-type: none"><li>• Club soccer at the University of Michigan-Dearborn</li></ul>                |                |