# Skyler MacDougall

1(607)738-5933 | [rmm3470@g.rit.edu](mailto:rmm3470@g.rit.edu)

Electrical Engineering Technology major at Rochester Institute of Technology. Experienced as a laboratory technician at MACOM. Achieved the rank of Eagle Scout in the Boy Scouts.

## Education

Rochester Institute of Technology, Henrietta, NY   Expected Graduation: May 2023

Major: Electrical Engineering Technology, Bachelor of Science | GPA 3.48/4.0

Deans List: Fall 2018, Spring 2019

**Related Courses:** (all courses included a lab component)

| | | | |
|---|---|---|---|
| Digital System Design (VHDL) | AC and DC Circuits | Systems, Signals, and Transforms | Communications Electronics |
| Electronics I/II | Electrical Machines and Transformers | Microcontroller Systems | Computational Problem Solving |

## Skills

**Software:** C++, VHDL, BASH/ZSH, UNIX/LINUX, MS Office, Altera Quartus, MATLAB, QUCS/Pspice/NGSpice, LaTeX, Markdown (GitHub version), Git, GIMP

**Equipment:** oscilloscope, soldering, digital multi-meter, programmable development board, signal/function generator, scanning laser microscope, scanning electron microscope

## Experience

**MACOM Technology Solutions** (June 2017 – August 2017, December 2017 – January 2018, May 2018 – August 2018)

*Laboratory Technician*

- Operated scanning laser microscope measurement system to assess failures to improve yield

- Analyzed and compiled acquired data for further observation

- Assisted in writing a standard operating procedure for the scanning laser microscope

**Five Rivers Council** (Summers June 2014 – August 2016)

*Counselor in Training, Clerk, Kitchen Aide*

- Provided support for camp counselors, guests, and visitors

- Provided administrative support to Camp Director

- Refilled inventory in the kitchen when necessary

- Maintained cleanliness in the kitchen and dining hall