

# Carlos Williams-Moreiras

49044 Ripley St.  
Hancock, MI 49930

carlosw@mtu.edu  
(734) 223-9857

1616 E. Stadium Blvd  
Ann Arbor, MI 48104

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## OBJECTIVE

I seek to further my skills as a computer engineer by gaining industry experience and applying my skills to real-world projects in an internship or coop.

## EDUCATION

Michigan Technological University  
**BS Computer Engineering**  
GPA: 3.89

Houghton, MI  
expected May 2018

Washtenaw Community College  
**Pre-Engineering**  
GPA 3.66

Ann Arbor, MI  
August 2009 – December 2015

## PROJECT EXPERIENCE

**Assistant Project Manager, Robotic Systems Enterprise**, September 2016 – Present

- Charged with designing a submersible for underwater data collection
- Collaborated to design a software GUI for offshore submersible communications
- Implemented multi-threaded server to manage the software system.
- Implementing patches and bug fixes

**Secretary, Copper Country Coders**, January 2016 – Present

- Applied for and received the 2016 Google IgniteCS grant
- Designing a Raspberry Pi robotics curriculum for students

## LEADERSHIP EXPERIENCE

**Project Manager, EE3901: Design Fundamentals**

- Leading a 7 person team to design a spherical robot.
- Managing the design of electronic and mechanical subsystems.

**Instructor, Michigan Tech Summer Youth Programs**, July 2016 – August 2016

- Instructed courses for 15-20 youths on Web/App Development and Video Game Programming
- Taught young people Java, HTML, CSS, and JavaScript skills

## WORK EXPERIENCE

**Lab Assistant**, Michigan Tech Computer Science Department, September 2016 – present

**Bartender**, Belmark Lanes, Ann Arbor, MI, December 2012 – April 2015

## TECHNICAL SKILLS

- C/C++
- Java
- JavaScript/JQuery
- Linux/Unix
- HTML/CSS
- MIPS Assembly
- MultiSim
- C#
- Verilog

## RELEVANT COURSEWORK

- Electronics
- Data Structures
- Systems Programming