

Carlos Williams-Moreiras

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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