

Merrick Rumel

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Computer engineer with a strong background in embedded applications.
Detail-oriented and organized with a creative mindset and strong project management abilities.

Education

Western Michigan University, Kalamazoo, Michigan..... Graduated December 2020

- Major: Bachelor of Science Computer Engineering
- Minors: Computer Science and Math

Technical Proficiencies

- Software: AutoCAD, Saleae Logic 2.3, Solidworks, LTspice, Eagle, Microsoft Word & Excel
- Coding: Python, C, C++, C#, Java, JavaScript, Git, CMake, Labview, MatLab, and PowerShell
- Markdown: Markdown, HTML, and CSS
- Operating Systems: Linux/Unix, Windows 7, Windows 10 and MacOS X
- Manufacturing Techniques: 5S, LEAN Manufacturing, Cell Concept

Work Experience

Team Lead – Robotics & Automation – Fisher & Company..... February 2021- Present
Fisher & Company is a global leader in engineered seating systems. Working as programming and electrical lead for an autonomous material handling system.

- Oversee the programing and software design for fleet of autonomous vehicles currently in production.
- Select electrical components and draw electrical schematics for the autonomous system.
- Design custom printed circuit boards (PCB)s for use in the autonomous vehicles.

IT Help Desk – Student Lead – Western Michigan University.....Dec 2017 – Dec 2020
Work 20 hours a week supervising 20 student technicians employed by the university for student, staff and faculty software issue resolution.

- Responsible for first call and escalation of issues by student technicians
- Provide support both telephonically and in person meeting or exceeding quality and time metrics
- Knowledgeable and responsible for proper guidelines for removing sensitive material in accordance to DMCA.

IT Intern – Fisher & Company.....Summers 2014, 2016-2017
Fisher & Company is a global leader in engineered seating systems. Worked as summer intern for three summers with my responsibilities broadened and were more self-managed each summer.

- Fulfilled general hardware and software requests utilizing helpdesk system.
- Built servers for multiple production environments.
- Outfit new facility with networking and Wi-Fi

Leadership

Innovation Club – Equipment & Technology Director.....Spring 2017 – Fall 2020

- Oversee equipment in the university makerspace to ensure usability for all members.
- Manage the specialized computer equipment in the university makerspace to advance innovation.
- Developed in-depth knowledge of Arduinos, microcontrollers, and single board computers, such as the Raspberry Pi, to support member projects.

WMU Men's Rugby Club – Vice President.....Fall 2017 – Spring 2020

- Represent Men's Club Rugby at Sports Club Council securing funds and advises on club sport teams.
- Correspond with coaches and players to insure a smooth-running team.Secured club funds semester over semester, in excess of \$3500