**Mark Ruzicka**

+1 (414) 828-1216 | markfruzicka@gmail.com | 1216 Spring St. Apt 110 Madison WI 53715

# Education

University of Wisconsin - Madison

**B.S. in Computer Science | Data Science | Economics** GPA: 3.6

Courses: Advanced Data Structures in Java, Machine Organization and Programming in C, Intro Data Modeling & ML in Python, Discrete Math, Linear Algebra

Languages: Python, Java, C, R, HTML, JavaScript, VBA, SQL

## Professional Experience

**Automation Engineer** | **Green Bay Packaging** | Green Bay WI (Jan 2023 – Current) | Internship

* Adjusted and managed any needed changes to control screens to display real time data using FactoryTalk Studio and Logics software
* Developed backend features to the control screens in VBA
* Automated the process to create and produce remotely accessible screens that provided crucial data and performance statistics from the paper machine to engineers and machine tenders
* Created and managed Power BI reports to efficiently show accurate data for quality metrics and cost tracking

## Project Experience

**Type Racer Website**

* Used React Hooks, useState, and useEffect to make the website dynamic to user inputs
* Incorporated API calls to get unique data for the user to interest with
* Integrated the Socket.io library to make an open connection between the client and backend

**Electronics Diagnostics & Repair**

* Investigated behavior of faulty electronics to find sources of problems
* Used soldering, hot air, and circuit continuity to replace damaged components and return devices to full functionality

## General Work Experience

**Bicycle Mechanic | South Shore Cyclery, Inc** (May 2019 – August 2022)

* Efficiently diagnosed and repaired issues with incoming bikes for service
* Troubleshot unusual service requests that satisfied our quality standards
* Explained to customers the work that was needed and educated them on ways to prevent unnecessary maintenance in the future
* Taught new employees an extensive range of repair skills