

education

2013-current **UNIVERSITY OF WISCONSIN-MILWAUKEE** **MILWAUKEE, WI**
Candidate for Bachelor of Science in Computer Science, May 2017.

work experience

2016-current **FIS** **Menomonee Falls, WI**
Programmer Analyst Intern

- Resolved defects in Consumer eBanking demo.
- Unified multiple demos into a single demo for simpler maintenance
- Designed and implemented application to configure demo for sales team.
- Resolved defects with PM MS Office macros.

2011-current **SPEEDWAY SALES & SERVICE** **NEW BERLIN, WI**
Full Stack Developer

- Leader in ecommerce development.
- Migrated core data from osCommerce to Magento.
- Implemented automatic quick facts chart for consumer friendly experience. Products displays chart with key product specifications in a graphical and appealing way.
- Optimized SEO and speed. Google Pagespeed Insight score from 25 up to 80.
- Currently optimizing AdWords campaigns and setting up A/B testing process for future campaigns.

Fall 2015 **FREELANCER** **NEW BERLIN, WI**
Freelance Front-End Developer

- Migrated static website content to WordPress featuring a shopping cart.
- Installed and configured PayPal shopping cart with custom product pages.
- Optimized site for SEO and page speed. Google Pagespeed Insight score from 40 to 85.

individual projects

Spring 2017 **COMPUTER VISION COUNTER** **PYTHON & FIREBASE**

- Record quantities of objects in a picture and store for access.
- Manage and record physical inventory levels in a simple and cost effective way.
- Use of OpenCV library through Python.

Spring 2016 **MULTITHREADED STOCK LEVEL EXPORTER** **JAVA, SQL, & PHP**

- Automatically complete time intensive task of exporting stock levels and uploading to ecommerce platform.
- Imports data from data source, generates CSV, and uploads to remote server.
- Data source, CSV format, and transfer protocols is all configurable.
- Integrated logging capabilities and multithreaded for executing multiple exports simultaneous.

Winter 2013 **AUTOMATED REAL TIME INVENTORY IoT** **JAVA, C, & Arduino**

- Automatically complete time intensive task of physical inventory tracking.
- Implemented Arduino with an IR distance sensor to 'count' the number of products.
- Implemented a smoothing algorithm to adjust for sensors outlier readings.
- Serial communication between Arduino and Java application using RXTX library.
- Data is stored in a MySQL database using JDBC.

skill set

programming languages	High Experience <ul style="list-style-type: none">• Java• C• Swift	Moderate Experience <ul style="list-style-type: none">• HTML5/CSS• JavaScript• SQL/NoSQL	Familiar <ul style="list-style-type: none">• Python• C++• MIPS Assembly
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technologies Eclipse, Unix, MySQL, TCP/IP, and Git.

personal Enjoy outdoor activities like biking and motorcycling. Interested in economics and business news. Avid follower of mobile technologies and jailbreaking.