Christopher Oka

Systems Design Engineering Student – Graduating April 2025

chriskroka@gmail.com
linkedin.com/in/christopher-oka
github.com/ChristopherOka

SKILLS:

Languages: Python, JavaScript, SQL, C++, HTML, CSS, Git, VBA, GitHub
Tools/Frameworks: jQuery, Bootstrap, Node.js, Selenium, React.js, React Native, Visual Studio, TensorFlow, Figma
Other: Experienced with Accessibility, the Accessibility for Ontarians with Disabilities Act (AODA) and WCAG

EXPERIENCE:

Front Rush — *Technical Implementation and Support Specialist*

September 2021 - December 2021
- Implemented website designs and features into our inventory-management web application using **JavaScript, jQuery, HTML** and **CSS** to increase user productivity
- Redesigned **Python** scripts to increase the efficiency of future co-ops, decreasing time spent by ~15%
- Researched and created scripts that scrape data from PDFs and Emails into **Excel Spreadsheets** using **Python**, speeding up processing by over 50%
- Processed inventory orders according to client specifications using **VBA**, **Python** and **SQL** to format and input to our database

UW Formula Motorsports Team — *Electronics System Team Member*

September 2020 - Present
- Single-handedly designed and fabricated **laser-cut** sheet metal and **3D Printed** components using **SolidWorks,** fulfilling required specifications
- Designed **PCBs** using **Eagle,** and fabricated the boards using a **solder mask**, **reflow oven**, and hand **soldering**

Toronto District School Board — *Systems Remediation Specialist*

January 2021 - April 2021
- Remediated documents according to **Accessibility for Ontarians with Disabilities Act** standards using the Equidox software making them accessible for those with visual impairments
- Took the initiative to ask for extra work, taking on additional tasks such as workflow mapping and note-taking for important meetings

PROJECTS:

Image Recognition Model Generator *(Link)*
October 2021 - Present
- Developed a **Python** script using **Selenium, TensorFlow, NumPy, and Chromium** where an image-recognition ML model is generated off any user-inputted query

Inventory Management Platform — *MarthaRaveCookies Bakery Business (Link)*
January 2021 - Present
- Designed and developed a product ordering and management platform using **Google Scripts,** increasing the business owner's efficiency by **10%** and streamlining client communications
- Implemented evolving product requirements in close collaboration with the business owner

Rally — *Hack the North Hackathon (Link)*
January 2021
- Designed an event hub with **React Native** and **Expo** to make searching for protests more accessible