Krystian **Rusin**

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Education

Ontario Tech University — *Oshawa, Ontario*
BEng in Software Engineering and Management — *Sept 2018 – April 2023*

Skills

Languages: Python, Java, C++, SQL, HTML, CSS, Javascript, PHP
Frameworks: ReactJS, NodeJs, Express, Tailwind
Tools: Git, Linux, MongoDB, Jira, Confluence

Projects

Suspicious Activities Detection AI — *Python, OpenCV*

Developed an advanced system that detects suspicious and aggressive behavior in individuals using machine learning. This involved training models to identify weapons and posture, and integrating them into OpenCV for Python. The resulting tool alerts personnel in real-time making use of the Nvidia CUDA library for GPU optimizations, making a valuable contribution to public safety and demonstrating my expertise in computer vision and machine learning.

https://github.com/kavanc/CAPSTONE2022-2023

Wellness Plus Mobile Application — *Android Java*

Designed and developed Wellness Plus, a user-friendly Android Java app for tracking calorie intake, habits, and water consumption. Users securely input data, which is stored in a MySQL database and is easily accessible within the app. The user-centric design features an intuitive interface for effortless data input and retrieval. This project highlights my expertise in Android Java development and database integration, making a valuable contribution to the health and wellness technology industry.

https://github.com/NateGrobe/mobile-final-project

CV Creator — *Javascript, ReactJs*

Developed a React-based CV creation application that enables users to input personal information, skills, education history, and work experience. The application organizes this data into a predefined resume template, allowing users to easily generate and download their resumes when finished.

https://github.com/KrystianRusin/cv-creator

Work Experience

ObjectNova Inc — *Remote, CA*
Full Stack Engineer — *November 2023 – Present*
- Working at a startup company in a test-driven agile development environment. I've gained experience working with DevOps tools such as Jira and Confluence as well as experience working with MERN stack applications
- Revamped the company's landing page through the creation of a robust full-stack webpage, leveraging ReactJS, NodeJS, and Express. The transformative redesign led to a notable surge in client engagement, resulting in a heightened volume of clients for the company.
- Currently redesigning an online appointment scheduling solution to be used in small auto repair shops. Employing a blend of Javascript and PHP to elevate both functionality and user experience. This service aims to decrease appointment booking friction by giving clients a way to book appointments online for small auto repair shops

Grand River Hospital — *Cambridge, ON*
Flow Monitor — *April 2021 – August 2021*
- As a Flow Monitor at the Grand River Hospital Vaccine Clinic, I ensured efficient clinic operations by managing the check-in/out of patients, directing traffic, and assisting clients with their personal needs. I gained data entry skills by using government medical software and improved my communication skills through interacting with clients. My contributions led to a positive client experience at the clinic and efficient clinic operation