Ryan Prairie

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EDUCATION

UNIVERSITY OF WINDSOR | B.C.S in Computer Science (Honours)
September 2018 - Present | Windsor, ON

EXPERIENCE

BLACKBERRY | System Software Developer Intern
Jun 2020 - Aug 2020 | Online
- Added features using **ReactJS** and **GraphQL**

CIBC | Developer Intern
May 2019 – Aug 2019 | Toronto, ON
- Led the development of a webapp to be rolled out **nationwide**
- Developed a **Dynamic Form** using **SvelteJS**, can create new form or search and edit existing form
- Developed the accompanying **Database Schema** to the form with dynamic tables
- Developed a back-end **REST API** to work with a web framework using **Flask**
- Developed automated data uploading system to run weekly on 50 Million rows. Saving **10 hours weekly**.

RE:SOURCES IT | IT Intern
Mar 2018 – Jun 2018 | Toronto, ON
- Re imaged machines to different operating systems
- Solved problems using IT oriented solutions

FRC TEAM 865 WARP7 | Programmer
Sept 2017 – Jun 2018 | Toronto, ON
- Taught seminars teaching **Java** to students
- Developed a **Computer Vision** system to run on a co-processing system on the robot

PROJECTS

MOOD PIZZA
- **Won** Best hack to improve automation
- Developed a **backend system** with **two custom APIs and a full routing system**
- Developed **front end forms** with **Bootstrap, Jquery, and Ajax**
- Developed an **MVC** system with **Jinja2** for the model rendering

FRC-2017-VISION
- A Computer Vision system written with **OpenCV and Python**
- Accompanying tools to make the process of tuning easier

SKILLS

LANGUAGES
Python • Java • JavaScript • Ruby
• HTML/CSS • C • LaTeX • SQL

TECHNOLOGIES
ReactJS • Flask • SvelteJS
• Git • Linux • Vim • Computer

AWARDS AND CERTS
Best Hack To Improve Automation | GrizzHacks
Control Systems Design Award | FRC Ontario District
CCNA1 | EXPIRED

EXTRACURRICULAR
Co-Head of Tech | UWindsor CS Society
Admin and founding member | UWindsor Robotics
MakeHarvard Harvard | 2020
GrizzHacks Oakland University | 2019