

Kobe Barrette

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[LinkedIn](#)

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Projects

Glances Open-Source Project

Tools: Python, VS code, GitHub

- Developed new-feature requests for Glances open-source monitoring application.
- Reverse engineered the project using UML diagrams.

Project Tracking Dashboard

Tools: Java, Python, SQL, CSS, Ignition

- Designed a website using ignition SCADA's perspective module to track company projects in real-time.
- Developed and integrated database model.

Experience

Northern Ontario Wires Inc - Engineering Research and Development (Co-op)

May 2024-Aug 2024

- Company Overview: A local electricity distribution company responsible for distributing power the towns of Cochrane, Iroquois Falls and Kapuskasing.
- Developed an Excel tool to assist in creating parts lists for new lines being constructed. The tool uses Visual Basics and follows Utility Standards Forum (USF).

RidgeTech Automation - Control Systems Specialist (Co-op)

Jan 2024-Apr 2024

- Company Overview: A control system developer and consulting company having provided solutions for over \$1 billion worth of industrial equipment.
- Worked as part of the integrated software team to develop high quality applications for various clients using ignition SCADA.
- Adapted an Agile Scrum framework participating in daily stand-ups, weekly demo sessions, and managing jobs using Atlassian's JIRA.
- Performed networking tasks such as server configuration using Proxmox Virtual Environment. Created VM's which implemented Linux and Windows 10 environments.

Department of National Defence - Engineering Student Project Manager (Co-op)

May 2023-Aug 2023

- Worked on the Chemical Biological Radiological Nuclear explosives Enhancement (CBRNe) project to procure advanced (multi-million dollar) engineering capabilities for the Canadian Special Operations Forces Command (CANSOFCOM).
- Performed data analysis to extract trends and areas of improvement in terms of expenditure throughout the Fiscal Year.
- Automated Excel scheduling/tracking sheet using macros developed in VBA.

Newmont Corporation - IT Support (Student)

May 2022-Aug 2022

- Worked as part of the IT team at one of the world's largest gold mining operations, with sites operating in 9 different countries.
- Performed Software and application troubleshooting as part of end-user support, utilizing remote desktop and shell scripting to access employee devices and help.

Education

University of Guelph

2021-Present

- Bachelor of Engineering, Engineering Systems and Computing
- GPA: 83.29%