

Aidan Wilson

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EDUCATION

UNIVERSITY OF WATERLOO

BACHELOR OF MATH IN COMPUTER SCIENCE

Dec 2020 | Waterloo, On, Canada

SKILLS

LANGUAGES

JavaScript • C • Python • C++ Java • Bash • HTML/ CSS

TECHNOLOGY

Git/Github • AWS • Linux

UNIX • Windows • ROS

Artificial Intelligence • Automation

EXPERIENCE

ESCRYPT | EMBEDDED SECURITY INTERN

May 2020 – Aug 2020 | Waterloo, ON

- Developed a cloud-based solution to automate and enhance the engineering process for network installation using AWS and Python.
- Worked with other teams to create a system to collect and visualize telemetry data of network elements in real time using AWS, Python, and DOMO.
- Consulted with other teams to jump start cloud-technology adoption and solutions throughout the company.

DOZR | SOFTWARE ENGINEER INTERN

Sept 2019 – Dec 2019 | Kitchener, ON

- Participated on the Web Development Taskforce to provide AngularJS sites to internal customers.
- Participated in an internal CodeJam to prototype a blockchain application for managing a model supply-chain.
- Worked with a team to plan executive visit and team-building exercise for 200 employees.

VEEVA | FULL STACK ENGINEER INTERN

Jan 2019 – April 2019 | Toronto, ON

- Interacted with clients to assess their problems and implement a solution in an efficient, friendly manner.
- Prepared workstations and laptops for future use by company employees.
- Created scripts to automate common tasks and increase productivity.

VEEVA | QA ENGINEER INTERN

April 2018 – Aug 2018 | Toronto, ON

- Participated on the Web Development Taskforce to provide AngularJS sites to internal customers.
- Participated in an internal CodeJam to prototype a blockchain application for managing a model supply-chain.
- Worked with a team to plan executive visit and team-building exercise for 200 employees.

PROJECTS

KEYBOARD BOY | KEYLOGGER

2020 | Python, Google Cloud, Windows, Linux

- Lead the development of **Chit Chat**, an anonymous chat application created as a class project.
- Chit Chat provides real-time communication while utilizing a PHP backend and AngularJS frontend.

WAT IMPROVE | STRAWPOLL-LIKE WEBAPP

2019 | Node.js, React, AWS, MongoDB, HTML/CSS

- Spearhead the development effort for the path-planning functionality of a team of three robots.
- ROS provides movement servers and the planning is being implemented in Python to allow for fully-autonomous operation.

EASY HIRGANA | CLASS PROJECT FOR DISTRIBUTED CLIENT-SERVER PROGRAMMING

2017/2018 | Javascript, HTML/CSS

- Lead the development of **Chit Chat**, an anonymous chat application created as a class project.
- Chit Chat provides real-time communication while utilizing a PHP backend and AngularJS frontend.

