

ERIC BILAVER

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SUMMARY

Languages/Frameworks: JavaScript, Python, React Native, React.js, Bash, C++, HTML, CSS/SCSS

Technologies: Figma, Sketch, Jira, Office, SQL, Linux GNU, Git, LTSpice, Appsheet, nRF Connect, VS Code

Interests: Guitar, Hockey, Soccer, Ultimate Frisbee

WORK EXPERIENCE

MERO TECHNOLOGIES – Toronto, Ontario

Senior Implementation Specialist

Aug 2020 - Dec 2020

Junior Implementation Specialist

Feb 2020 - Apr 2020

- Coordinated and managed product deployment of 1500 sensors at over 20 buildings across Canada and the United Kingdom
- Performed quality assurance on over 200 IoT LoRa receivers and 100 sensors using the Arduino IDE to assist in product rollout
- Produced bi-weekly and quarterly client-facing business reports in Figma, met with extremely positive feedback on design
- Helped refactor existing product network contracts to streamline company services which reduced fees by over \$500/month

PROJECTS & ACCOMPLISHMENTS

HACK THE NORTH 2020 (VIDEOGYM) – Waterloo, Ontario

Jan 2021

- Worked in a team of 4 to create an exercise-focused social media site with JavaScript, (S)CSS, and HTML in response to COVID-19 limitations (“VideoGym”) over a 36 hour period
- Implemented the Vonage Video API to create a global video calling system; received positive feedback from official Vonage representative

ECOO PROGRAMMING CONTEST – Georgetown, Ontario

May 2019

- Collaborated with 3 team members to place first in the Halton region by programming solutions to complex computational problems

MYSQL DATABASE & WEBPAGE ASSIGNMENT – Burlington, Ontario

Jun 2019

- Created a MySQL database with data from the Statistics Canada website and a connected HTML webpage for a class assignment; received extremely positive feedback and work was used as a class example

RASPBERRY PI GOOGLE ASSISTANT – Burlington, Ontario

Jan 2018

- Implemented a working model of the Google Assistant API into a Raspberry Pi with working microphone, speaker, and visual display peripherals to create an ultra-cost-effective “Google Nest Hub”

CEMC BEAVER COMPUTING CHALLENGE – Waterloo, Ontario

Nov 2016

- Placed top 25% in Canada by utilizing problem-solving skills to answer questions related to programming

VOLUNTEER EXPERIENCE

S.T.E.A.M. (STEM & ARTS) CLUB – Burlington, Ontario

Sept 2017 - Jun 2019

- Independently created webpages using HTML, JavaScript, and CSS to advertise the school’s S.T.E.A.M. programs, initiatives, and show real-time data from the IoT-connected greenhouse
- Effectively collaborated with over 100 students to create a functioning web-connected greenhouse from scratch

EDUCATION

UNIVERSITY OF WATERLOO – Waterloo, Ontario

September 2019-Present

Bachelor of Applied Science, Computer Engineering

Recipient of the President’s Scholarship (\$5000) for high academic entry average
