Joshua Allen

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EDUCATION

Queen's University, Kingston — *Bachelor's of Engineering*

Sept 2020 - Expected May 2024

St Patrick's High School, Sarnia — *French Immersion*

Sept 2016 - June 2020

EXTRACURRICULAR EXPERIENCE

Hack the North 2022

Created an IoT Blockchain project that allows electric vehicle owners to rent their charging stations using trustless micropayments on the Ethereum blockchain. Won EthGlobal's 1st place prize.

Queen's Cerebral Language Innovation Web-Dev Lead

Creating a user-friendly fullstack web app to visualize and manipulate complex EEG data collected for machine learning models.

Professional Engineers of Ontario Design Competition

Worked in a team of 4 students and an engineer mentor redesigning a local park to make it accessible for those with disabilities; presented the design to the local municipal government.

WORK EXPERIENCE

Langtree Controls, Sarnia — *Control Systems Intern*

May 2022 - September 2022

Migrating legacy control systems to a new SCADA software by recreating HMI graphics, testing PLC programs, and developing tag databases for an industrial process plant.

Sarnia Produce, Sarnia — *Stock Clerk*

May 2018 - August 2021

Problem solving skills used to help the small business implement automated systems in light of the COVID-19 pandemic.

SKILLS

-Strong Written and Oral Communication

-Effective Team Member with Great Interpersonal Skills

-Innovative Problem Solver

-Motivated and Goal Oriented

-Experience with Python, Javascript, and C Programming Languages

-Proficient in Microsoft Office

AWARDS

Governor General's Academic Medal: Highest High School Average

Ontario Youth Volunteer Award: 5 years of work with local food banks

Queen's Principal Scholarship: Academic excellence (95+ average)

LANGUAGES

English - Native speaking

French - Intermediate level

HOBBIES & INTERESTS

-Reading   -Soccer   -Gym

-Personal Projects   -Cooking