

# Kobe Cofini

2A Electrical Engineering | 647.767.6617 | kcofini@uwaterloo.ca | [github.com/KobeCofini](https://github.com/KobeCofini)

## SUMMARY OF QUALIFICATIONS

- Experience with the creation of various programs including Morse code translation, ASCII encryption, and an environmental regulation system using programming experience for **C++, C, and Python**
- Experience with written analysis, disassembly, and reassembly of hardware ranging from computers to drones
- School Individual Award Winner of the Fermat, Galois, Pascal, and Gauss Mathematics Contests

## EDUCATION

### UNIVERSITY OF WATERLOO

#### ELECTRICAL ENGINEERING CANDIDATE FOR BACHELOR OF APPLIED SCIENCE

**Sept 2019 | Waterloo, ON**

## PROJECTS AND WORK EXPERIENCE

### ELECTRONICS DISASSEMBLY AND ANALYSIS

**May 2020 – Present**

- Disassembled and analyzed hardware from various electronics including computers, monitors, and speakers
- Reported on tools used, internal components, and observations made including physical measurements, ductility, texture, hardness, and colour
- Documented engineering process by taking pictures as a visual component
- Designed a format to concisely communicate and organize findings
- Viewable on Github

### MORSE CODE TRANSLATION PROGRAM

**December 2018 – January 2020**

- Used C and C++ to translate between Morse code and English
- Includes reading and writing with text file creation for output
- Emphasis on organized and readable code

### STARTERHACKS

**January 2020 | Waterloo, ON**

- Designed a project over a 24-hour period named the Environmental Credit System (ECS) to be integrated into the federal government as a strategy to regulate the ecological impact of companies in Canada
- Worked using C++ and HTML with a diversified team of varying skillsets

### TOM'S NO FRILLS | PRODUCE CLERK

**Oct 2017 – Aug 2019 | Ajax, ON**

- Regularly put in charge of produce area and upheld high product quality by managing stock inventory
- Maintained store efficiency by working independently and unsupervised for extended periods of time
- Answered customer inquiries using problem solving and multitasking skills

## AWARDS

- 2019 Top 200/2023 - Sir Isaac Newton Physics Exam  
2019 Level B1 (French) - International Languages Certificate  
2019 Top Mark - Health and Fitness Activities  
2018 School Individual Award Winner Fermat Mathematics Contest  
2017 School Individual Award Winner Galois Mathematics Contest