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WORK OBJECTIVE

A motivated and results-driven engaged individual with two years of programming experience seeking an opportunity to expand my knowledge and programming skills.

SUMMARY OF TECHNICAL ABILITIES

- **Python [2 years experience]:** My most frequently used coding language. Used Tkinter, CSV, and Requests libraries before. Learned in high-school, with supplementary college classes. Covers OOP, Data Structures, File IO, Recursion, and sorting and searching algorithms.
- **HTML/CSS [1 year experience]:** Used some of the time. Learned in high-school (Grade 11 Computer Engineering).
- **Racket [less than 1 year experience]:** Used frequently in University Computer Science (CS135). Covers recursion and lists.
- **AutoCAD [less than 1 year experience]:** Used sometimes for Robotics in High School. Covers 2D drawings and basic 3D shapes. (Grade 11 Robotics)
- **Excellent skill with Microsoft Office Software (Word, Excel, Powerpoint etc.)**
- **Language:** Excellent English and fluent in Mandarin
- **Logical and methodical way of working on tasks.**
- **Ability to effectively work under pressure, and to deadline, is critical for success in these roles. Strong communication skills, both written and verbal**
- **Flexible and adaptable team player with an excellent work ethic and a 'can-do' attitude**
- **Will be learning C and C++ from Jan 2021 to August 2021 in UWaterloo.**
- **G2 Driver License**

EDUCATION AND TRAINING

September 2020 - April 2025, Honours Computer Science with Co-op, University of Waterloo [1B]

I have learned Computer Science (96%), Calculus 1 (92%), Algebra for Honours Mathematics (96%), and Introduction to Microeconomics (97%) at the University of Waterloo. I will finish Elementary Algorithm Design and Data Abstraction, Data Structures and Data Management, Linear Algebra, Calculus 2, Introduction to Combinatorics, and Introduction to Macroeconomics by Fall 2021.

September 2016 - June 2020, Iroquois Ridge High School, Oakville Ontario (96% Grade 12 Average)

September 2019 - December 2019, Sheridan College, Oakville Ontario

Intermediate Python Programming - Building And Packaging An Application (95% mark)

PROJECTS

All of my projects are available on www.tracydong.com

Productivity App: <https://github.com/1tracy/productivity-app>

This project was created for the DefHacks 2020 Hackathon. I worked with another coder to create this application, which maximizes productivity by sorting the given tasks in order of importance based on level of importance and urgency using the Scheduling Algorithm. I handled the front-end while the other coder handled the back-end part. The project was coded in Python, and made use of the Tkinter library to create an interface, and used the CSV library to handle tasks given and other back-end data.

Stock Portfolio Tracker:<https://github.com/1tracy/stock-portfolio-tracker>

This was created for my Sheridan College Python Fundamentals course, and is coded in Python. I used the Requests Python library to update stocks values in the provided CSVs in real-time. I used IEX's stock API to get accurate stock information for the portfolio.

VOLUNTEER AND WORK EXPERIENCES**June 2020 DefHacks Hackathon 2020 Participant**

I worked with another coder to create the Productivity App which sorts your tasks in descending order to maximize productivity using the Scheduling algorithm.

September 2018 - June 2019 Assistant Teacher at Kumon

I worked with a team of teachers and markers to help Kumon students learn.

July 2018 Waterloo Engaging In Entrepreneurship and Engineering Workshop Participant

I created and pitched an app with a team of 2 other people in a week that found relevant sales at nearby stores based on your location to a panel of judges.

September 2010 - June 2019 Second Violin Desk at the Oakville Symphony Youth Orchestra

I was responsible for helping the other second violins stay on track and improve.

References Provided Upon Request