GRADY PALFREY

gradypalfrey@gmail.com | linkedin.com/in/gradypalfrey | github.com/gpbio10

OBJECTIVE

I am a self-driven and detail-oriented student currently completing my Computer Engineering degree at Queen's University. I have experience in programming languages C, Python, Java and JavaScript as well as experience in Machine Learning and Web Development. I am currently looking for a 2021 summer internship position in hopes of improving my programming, communication and teamwork skills.

EDUCATION

BACHELOR OF APPLIED SCIENCE
Computer Engineering at Queen's University | Expected Graduation 2023
- Classes in Object-Oriented Programming, Data Structures, Data Analytics, Computer Architecture
- Queen's Engineering Dean's Honour List

HIGH SCHOOL
West Vancouver Secondary School, West Vancouver | Graduated 2019
- International Baccalaureate Certificate

PROJECTS

SORTING VISUALIZER
- Sorting Visualizer built with JavaScript, P5.js library, HTML and CSS. Sorting algorithms include Bubble Sort, Quick Sort and Merge Sort.

TRADING ALGORITHM
- As a team, created an asset trading algorithm that uses Time Series Analysis and Natural Language Processing to determine when to buy and sell written in Python.

FUEL LEVEL SENSOR PROGRAMMING
- Installed and programmed flow sensor for the Queen's BAJA racing team. Used the Arduino programming language to communicate with a microcontroller to output fuel level and efficiency statistics.

PRESIDENTIAL ELECTION PREDICTION
- Data Analytics report focusing on experimenting and implementing the best machine learning algorithms to predict the winner of the presidential election. These models were based of word occurrences during presidential speeches.

CLASSIC GAME REMAKES
- Games including Flappy Bird, Snake and Pong recreated using the Pygame module in Python.

CLUBS AND EXPERIENCE

QUANTT | *09/2020 to Current*
Queen's University | Kingston, Ontario
- *Queen's University Algorithmic Network and Trading Team* is a quantitative finance club that focuses on researching and developing algorithm trading techniques.

PIZZA WITH A PURPOSE | *09/2017 to 06/2019*
West Vancouver Secondary School | West Vancouver, British Columbia

- Lead club which focused on creating a safe and enjoyable lunch time environment while donating the pizza lunch profits to local charities. Tasks included meeting scheduling, member management and order logistics.

AWARDS AND ACKNOWLEDGEMENTS

- Queen's Engineering Dean's Honour List
- BC Achievement Scholarship
- International Baccalaureate Certificate, West Vancouver Secondary School
- Honours with Distinction, West Vancouver Secondary School
- UBC Leadership Certificate