Alexander Naylor

alexandernaylor@outlook.com
519 404 9131

LinkedIn   GitHub   Portfolio

NOTICE: This is a general resume. If I've sent a resume to you, it may be tailored to your job opening.

Languages: Python (intermediate), C++ (intermediate), Java (intermediate), HTML + CSS (intermediate), Rust (intermediate), JavaScript (Intermediate), C# (novice), ANTLR (novice), Kotlin (novice), Dart (novice), SQL (novice), R (novice)

OS and Tools: Windows, Linux (intermediate), Git (intermediate), Gradle (novice), VS Code (intermediate), Flutter (novice)

Libraries: Pandas (intermediate), NumPy (intermediate), Matplotlib (intermediate), SKLearn (novice), Bootstrap (novice), OpenCV (novice), GGPlot (novice)

Personal Skills:
Quickly able to adapt to new programming languages and tech stacks.
Adept at time management.
Experience in collaborative programming.
Experience in teaching programming and teaching troubleshooting techniques.

Education

Computer Science - Data Science Specialization	Ontario Tech University
Bachelor of Science	2023

Relevant Experience

Teaching Assistant (Software Systems)	Oshawa Ontario
Ontario Tech University	3rd January 2023 - 22nd April 202

Led 20 students though several lab activities involving Java and Glassfish backends and HTML and JavaScript frontends.

Project Experience

Image Cartoonizer

GitHub
Website

Demonstration of using OpenCV for image processing in a Python Jupyter notebook environment, using color flattening and canny edge detection.

GeoPhoto Social Media Prototype   GitHub

A mobile app made using the flutter framework in collaboration with 3 others in a mobile development class. It's a prototype social media site where users can post geolocated photos on a map.

Web Development Group Project   GitHub
                                                                       Website

A web application build using Vue in collaboration with 4 others in a web development class. Contains several video games.

Data Association Algorithms Comparison   GitHub

Several data association algorithms implemented in Rust for benchmarking and comparison. The algorithms are Apriori, PCY, Multi Hash PCY, Ransom Sample Apriori, and SON.

Work Experience

Deputy Tabulator   Listowel Ontario
Elections Ontario   25th May 2022 - 4th June 2022

Held custody of a tabulation machine during the 2022 Ontario Election. I tested the accuracy of the machine, received and counted ballots, submitted results, and returned the tabulation machine, all according to strict procedure.

Meat Department Clerk and Cashier   Listowel Ontario
Food Basics   2014 - 2017

Handled large amounts of money and verified age via ID as a cashier, organized the stock of department shelves and self supervised as a meat department clerk.