

Andrew Sivabalan

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Summary

I am a Math and Computer Science graduate with additive knowledge from my previous Accounting experiences. I have tutored in Math, done basic accounting and fast food retail work. My adeptness developed from the intense problem solving from my undergraduate has prepared me for many challenging tasks.

Skills

Programming Python, C

Machine Learning Related Frameworks pytorch, sci-kit, jupyter, numpy

Projects

MNIST Label Predictor

PYTHON

[Code](#)

Oct 2021

- Labeled handwritten digits with classifying techniques such as kNN, logistic regression, Naive Bayes and Gaussian Discriminant.

Internet of Things Gateway Controller and Signal

C

[Code](#)

Dec 2019

- Created functions to handle messaging and communication between a gateway and controller in an IoT environment.

Parallel Make Program

C

[Code](#)

Nov 2019

- Created a Parallel Make program that parse Makefiles that evaluates and execute with the option of doing so in parallel.

Work Experience

Klue

[Vancouver, British Columbia](#)
[\(Remote\)](#)

DATA ANALYST INTERN

Oct 2022 - Mar 2023

- Developed an automated script reconciles data gathered to see if all data has been collected resulting in reducing manual work by over 50%, from 2 weeks+ for a customer down to 1 week
- Demonstrated strong programming, problem-solving and adaptability by building the automation script from scratch independently which positively impacted Klue by increasing efficiency

Pizzaiolo

[Toronto, Ontario](#)

CASHIER AND GENERAL BOOKKEEPER

Dec. 2019 - Apr. 2021

- Communicated and served over 50 customers a day at the cashier by preparing their order and managing the line, ensuring a quick and pleasant experience.
- Accounted for general expenses and revenue through Excel spreadsheets to keep track of expenditure and profit and to ensure that future expenditures where for increasing profits and were necessary to the functioning of the business.

Education

University of Toronto

[Toronto, Canada](#)

HONOURS BACHELOR OF SCIENCE

Sept. 2015 - Apr. 2022

- Graduated with Distinction - 3.23 cGPA

Brock University

[St. Catharines, Canada](#)

HONOURS BACHELOR OF ACCOUNTING

Sept. 2013 - Dec. 2014