

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

Alice Maze Solver

PYTHON

- Created an algorithm of solve Alice Mazes via BFS (<http://www.logicmazes.com/alice.html>)

[Code](#)

MNIST Label Predictor

PYTHON

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

Oct 2021

Internet of Things Gateway Controller and Signal

C

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

[Code](#)

Dec 2019

Parallel Make Program

C

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

[Code](#)

Nov 2019

Education

University of Toronto

HONOURS BACHELOR OF SCIENCE

- Graduated with Distinction - 3.23 cGPA

[Toronto, Canada](#)

Sept. 2015 - Apr. 2022

Brock University

HONOURS BACHELOR OF ACCOUNTING

[St. Catharines, Canada](#)

Sept. 2013 - Dec. 2014

Work Experience

Pizzaiolo

CASHIER AND GENERAL BOOKKEEPER

- 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.

[Toronto, Ontario](#)

Dec. 2019 - Apr. 2021

Mill Street Brewery

JUNIOR ACCOUNTANT

- Processed on average 200+ customer payments with cheque and credit card reconciliations daily with great accuracy to ensure timely deposits.
- Accounted for inventory and supplies payable daily to prepare payments for by matching invoices with the proper documentation leading to prompt payment.
- Worked multiple terms, summer of 2016 and 2017.

[Toronto, Ontario](#)

Jan. 2015 - Aug. 2015