

Andrew Sivabalan

☎ +1(647)-973-6640 | ✉ andrewsivabalan@gmail.com | 📱 Cradle0 | 🌐 andrew-sivabalan

Summary

My strong foundation in math and computer science, combined with my experience in accounting, has prepared me well for a career in data science. I am deeply interested in leveraging my analytical and technical skills to extract insights from complex data sets and make data-driven decisions.

Skills

Programming Python, C, Git

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

Projects and Extracurriculars

MNIST Label Predictor

PYTHON

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

[Code](#)

Oct 2021

Discord Soundboard Bot

PYTHON

- A discord soundboard bot that plays given mp3 files stored locally on command.

[Code](#)

Apr 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

Math Tutor

- Tutored high school and university first year calculus and advanced functions

Work Experience

Klue

Vancouver, British Columbia
(Remote)

DATA ANALYST INTERN

Oct 2022 - Mar 2023

- Developed an automated script reconciles data gathered to verify 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 using BeautifulSoup, pandas and API from data vendors independently which positively impacted Klue by increasing efficiency

Mill Street Brewery

Toronto, Ontario

JUNIOR ACCOUNTANT

Summer 2015, 2016, 2017

- 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.

Education

University of Toronto

Toronto, Canada

HONOURS BACHELOR OF SCIENCE

Sept. 2015 - Apr. 2022

- Graduated with Distinction

Brock University

St. Catharines, Canada

HONOURS BACHELOR OF ACCOUNTING

Sept. 2013 - Dec. 2014