

JEFF CAO

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SKILLS AND QUALIFICATIONS

- Python
 - Pandas, NumPy, Matplotlib
- Java
- JavaScript
- R
 - Machine learning Concepts, graphs
- SQL
 - manipulated databases using MySQL
- HTML
- CSS
- Excel
 - Pivot tables
 - Sort, Filter
 - Reading Data

RELEVANT COURSES

- Software Design
- Introduction to Databases and Web Applications
- Design and Analysis of Data Structures
- Introduction to Machine Learning and Data Mining
- Multivariate Analysis
- Advanced Machine Learning and Data Mining
- Analysis of Big Data

ACADEMIC PROFILE

University of Toronto

September 2017 - May 2021

HBSc Statistics

- Specialist Program in Statistics - Statistical Machine Learning and Data Science Stream

EMPLOYMENT HISTORY

Information Data Analyst

Volunteer Markham | July 2019 - August 2019

- Analyzed CSV and Excel files to notice trends in website activity
- Ensured Database was up to date with volunteer opportunities
- Maintained and edited website to ensure changes and news was up to date

PROJECTS

Computer Terminal

- Developed computer terminal app using Java with the use of object oriented programming and agile design process

Class Website

- Created a course website using Python Flask framework incorporating SQL, CSS, and HTML
- Built a login system for students and instructors while keeping track of all student marks

Business Analysis (Personal Project)

- Analyzed business questions using 12 months of sales data
- Completed using Python; Pandas and Matplotlib packages

Stock Prediction (Personal Project)

- Predicted stock closing price using Long Short Term Memory (LSTM), a Recurrent Neural Network
- Completed using Python; Panda, tensorflow packages