

ZHENGLIANG DING

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Education

University of Toronto

Majored in Computer Science and Applied Statistics, Minored in Mathematics

Toronto

2016.09 – 2020.11

Projects

2020 Big Data and Artificial Intelligence Case Competition)

2020.01 - 2020.04

- In the form of a team, utilized the real E-transfer data provided by ScotiaBank for the competition
- Serving as the team leader to divide responsibilities for team members, mainly responsible for data collection and report writing
- By analyzing the layering stage and transfer tree of money laundering, an immediate warning mechanism is constructed for banks and the government, which can help government departments to track suspicious human/organ trafficking behaviors

Streamie | *Html/CSS*

2020.01 - 2020.04

- In the form of a group, developed a web program that can remotely watch Youtube videos by sharing links; Applied agile research and development method (Jira) to implement the microservice architecture
- Mainly responsible for the presentation layer in the microservice architecture, namely the writing of HTML and CSS and the embedding of videos

MyAdventureGame | *Python*

2019.08 - 2019.09

- Completed a small turn-based Roguelike text adventure game independently using Python
- Enhance the playability by randomly generating dungeons, and uses the permanent death mechanism; the complete game process can reach 3-4 hours

Personal Summary

Receptive: skills of analogy; can quickly accept other languages by relating to previous knowledge

Solid foundation: sensitive to the time efficiency and space efficiency of the algorithm; have a clear mathematical logic; upon encounter of a problem, I can come up with one or more solutions to solve the problem in a short time

Strong resistance to pressure: high-intensity and intensive learning can be carried out; I can still be orderly in a high-pressure environment

Skills

Languages: Python, C, SQL, Java/JS, HTML/CSS, R

Human Languages: English(Fluent), Mandarin(Fluent)

Developer Tools: Jupyter Notebooks, Spyder, Git, VS Code, GVim

Other Tools: Word, PowerPoint, Excel, Premiere Pro, Aftereffect, Latex

Other Experience

Teaching Assistant 2018.09 – 2020.04
University of Toronto *Mississauga*

- Served as a teaching assistant for entry level calculus (MAT135) and Python course (CSC108)
- Responsible for after-class Office Hour QA, homework/project review, examination correction

Guest Speaker 2018.09
University of Toronto *Mississauga*

- Invited by the organizer of the freshmen orientation to explain the computer science major to nearly 400 freshmen, briefly introduce the compulsory subjects and the requirements of the subject
- Assisted in the subsequent QA session to answer questions for freshmen

Executive 2018.09-2019.04
Chinese Student and Scholars Association(UTMCSSA) *Mississauga*

- Designed and planned university student activities; Participated in various charity activities
- Certificated of the Outstanding Achievement of 2018-2019

Host 2018.04 - 2018.08
Konan Investigation Simulation *Mississauga*

- Host and supervised crime investigation simulations
- Led the new employees mentoring program for the company

Content Creator 2016.04 – Present
Bilibili *Mississauga*

- Edit and upload videos edited by Adobe Premiere Pro
- The channel has a total view of over 500,000