Aaron Xiaozhou Liu

2552 Banfield Road, Mississauga, ON

📞 647-924-6816　✉ aaronxiaozhou.liu@gmail.com　in aaron-liu-135a6121b　○ Aaronliu15

Objective

Hardworking and passionate university student at the University of Toronto majoring in computer science and statistics with a minor in mathematics. Aiming to use skills to satisfy my role at your company and eager to learn more from this position.

Education

Univeristy of Toronto　　　　　　　　　　　　　　　　　　　　　　　　**Sep. 2019 – Present**
Honours Bachelor of Science　　　　　　　　　　　　　　　　　　　　　　　*Mississauga, ON*

Relevant Coursework

- Data Structures and Analysis
- Theory of Computation
- Calculus of Several Variables
- Software Design
- Computer Organization
- Algorithm Design and Analysis
- Databases
- Artificial Intelligence

Technical Skills

Languages: Python, Java, HTML, SQL, R Language
Developer Tools: VS Code, IntelliJ, PyCharm, MARS 4.5, Logism, Github, R Studio
Technologies/Frameworks: Agile, Scrum, PyGame, Fidessa

Projects

Outlook Email Archive | *Python, Outlook*

- Wrote a new script for archiving incoming emails
- Using python, connected to outlook and read emails in the inboxes. Also moved the emails from the inbox into a different archive inbox
- Extracted any attachments and information from the email body to be saved
- Emails are archived locally and organized by date for easy reference in the future

World Population Visualisation | *Python, Pycharm, PyGame*

- Created an visualization of the populations of each country relative to each other where each country is a rectangle whose size is determined by the population of the country.
- Using PyGame, rectangles in the display can be interacted with, being able to decrease a countries population or deleting a country and watching the rest of the rectangles change with respect to the lower total population.

Online Game Store Simulator | *Java, IntelliJ, Scrum*

- Worked in a team using the Scrum methodology
- Designed a sample online market using Java to simulate the features of online markets such as Steam.
- Used object oriented programming principles such as inheritance to create sales or accounts.
- Users can create an account, add funds, and buy and sell games

Experience

National Bank of Canada　　　　　　　　　　　　　　　　　**August 2022 – September 2023**
Junior Analyst　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Toronto, ON*

- Maintained the SQL scripts that are run daily and provide specifically requested reports
- Developed new scripts to increase the efficiency and improve organization of storing incoming data
- Assisted in the migration of database into Amazon's cloud RDS database
- Updated and maintained client data in Fidessa and fulfilled test fills.

Glen Eden Snow School　　　　　　　　　　　　　　　　　　　**December 2016 – March 2018**
Snowboard Instructor　　　　　　　　　　　　　　　　　　　　　　　　*Misssauga, ON*

- Worked as a snowboard instructor at the Glen Eden Snow School.
- Taught people of all ages how to get started with snowboarding.

Shuyi Tealicious　　　　　　　　　　　　　　　　　　　　　　**July 2021 – October 2021**
Cashier/Barista　　　　　　　　　　　　　　　　　　　　　　　　　　　*Misssauga, ON*

- Took customer orders, both in person and online orders.
- Made sure orders were made correctly and served them in a timely manner.