Zicheng Li Hamilton, ON

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Zicheng-Li | zicheng-li | zicheng-li.com | li1276@mcmaster.ca

EDUCATION

Bachelor of Applied Science (BASc), Computer Science   Sep 2021 - April 2025
McMaster University   Hamilton, Canada

- Obtained a 3.9/4.0 GPA in all ten courses completed during the first year of study.

SKILLS

Languages: HTML   CSS   JavaScript   Java   Python   C   SQL   Latex
Frameworks: Linux   AWS Cloud

PROJECTS

Math Assistant (DeltaHacks 9 Project)   Link to Demo   Link to GitHub
January, 2023

- Successfully developed a graphing calculator called "Math Assistant" in one day during a hackathon.
- Designed a calculator to assist students in learning calculus by providing an easy-to-use GUI interface created by **Java's** Swing Framework.
- Users can zoom in and zoom out easily. A quiz mode was also developed to enhance their learning experience.

Incubator program   Link to Incubator Kick-off
January - Present, 2023

- Currently organizing and executing the Incubator program as a logistics team member, helping over 100 participants complete their projects for the **2023 Google Solutions Challenge**.
- Pairing each participating team with a mentor, organizing workshops to assist the participants to complete their projects, and creating a 9-week plan to guide their progress.
- Delivered a 10-minute presentation at the opening ceremony of the Incubator program for over 50 participants.

Personal website   Link to Website
January, 2023

- Designed and developed a personal website using **HTML** and **CSS**, and successfully deployed it on **AWS Cloud**.

Spy Network   Link to GitHub
November, 2022

- Participated in a spy network project utilizing a combination of **design patterns** including the Observer pattern, Strategy pattern, Singleton pattern, and Decorator pattern.
- The purpose of this network is to propagate encryption schemes, allowing spies to communicate securely with one another. Please refer to GitHub for more details.

Connect Four   Link to GitHub
October, 2022

- Developed a Connect Four game in **Java**, offering players the choice to play against one another or an AI opponent. This game also allows you to watch an AI versus AI match.

WORK EXPERIENCE

Incubator Team   October 2021 - present
Google Developer Student Clubs McMaster U

- Managed logistics for various events, including determining event platforms, outlining event activities, planning in-person social events, and booking activity lounge spaces.
- Collaborated with the Marketing team to create a participant handbook, emphasizing effective communication skills.
- Demonstrated leadership skills by holding weekly meetings with the administrative team and reported progress to the Vice President.

Street Market Vendor   May 2020 - September 2021
ldeas lnc.

- Communicated and explained the features of the vendor's products and helped customers find their favourite products.
- Assisted customers to complete their payments which involved customer service skills.

ACHIEVEMENTS

Faculty of Engineering Award of Excellence Scholarship   April 2021
Awarded the scholarship for enrolling with a high school average of 95%.

REFERENCES

References available upon request