Zicheng Li

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PROFILE

As a university student. I am a fast and effective learner. I have problem-solving skills at the same time. I have strong communication skills. I am looking for a place to gain experience in the computer science field.

SKILLS

Experienced Programming Language

HTML   CSS   Javascript   Java   Python   C   SQL   Linux   AWS Cloud   Latex

Soft Skills

Problem Solving Skills   Communication Skills   Multitasking Skills   Time management skills

- I possess strong communication skills and problem-solving abilities. During Deltahacks 9, I effectively communicated with my team members and carefully analyzed our topic, successfully solving technical challenges and completing our project. Additionally, as a speaker, I presented our project to the judges.

EDUCATION

McMaster University   Hamilton, Canada
Bachelor of Applied Science [B.ASc] (Computer Science)   Sep 2021 - April 2025

- I achieved a 3.9 GPA from all ten courses I completed in my first year.

PROJECTS

Math Helper(DeltaHacks 9 Project)   Link to Demo   Link to Github
My team and I developed a graphic calculator called "Math Helper" one day during the hackathon. It is designed to assist students in learning calculus by providing an easy-to-use GUI interface created by Java's Swing framework. Users can easily use the calculator for graphing, zooming in, and zooming out. They can also use the quiz mode we prepared to enhance their learning experience.

Connect Four   Link to Github
A Connect Four game coded in Java. Players have the option to play against another player or an AI opponent. They can also choose to watch an AI versus AI match.

Spy Network   Link to Github
I have designed a spy network 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.

WORK EXPERIENCE/ORGANIZATION

Google Developer Student Clubs McMaster U   Oct 2021 - present
Incubator program, Logistics team   Me at 5:45   [Link to Incubator Kick-off]

As a core team member of GDSC, I am organizing an Incubator project which helps general members to be prepared for the 2023 Google Solutions challenge. My main responsibilities include 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. My job is to support and guide the participants throughout the challenge.

ldeas lnc.   May 2020 - Sep 2021
Street Market Vendor

As a jewelry vendor at Saturday markets, I was responsible for helping customers find the products they were interested in. This involved communicating with customers and explaining the features of the products. Additionally, I assisted customers to completed their purchases by processing payments.

ACHIEVEMENTS

Faculty of Engineering Award of Excellence Scholarship   April 2021
Awarded for enrolling with an average of 95% and above.