

# Geon Youn

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## EDUCATION

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### McMaster University

Sep. 2021 – Apr. 2024

*Bachelor of Arts in Computer Science (3.9 GPA)*

- COMPSCI 2ME3: design patterns, design principles, SDLCs, and program specification (A+)
- COMPSCI 2C03/2XC3: data structures, algorithms, and software design
- COMPSCI 2GA3: computer architecture (A-)
- COMPSCI 2DB3: databases
- COMPSCI 2SD3: concurrent systems

## TECHNICAL SKILLS

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**Languages:** C++, C, Java, Python, Haskell, Elm, ASM

**Developer Tools:** Git, Visual Studio, Cheat Engine, ReClass.NET, IDA Pro, x64dbg, Eclipse, Jupyter, VS Code

**Libraries:** Windows, OpenGL, DirectX

## PROJECTS

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### TheTrigProject | *Agile SDLC, Git, Elm, VS Code*

Jan. 2022 – May 2022

- Applied the **agile software development life cycle** by creating prototypes each week and making improvements through feedback from interviews with grade 11 and 12 students and teachers
- Collaborated in a group of 5 through **GitHub**
- Coded the project using **Elm** and **VS Code**
- Maintained the repository over **5 months**
- Increased students' ability to understand the basics of trigonometry

### **Game Hacking** | *C++, Windows, OpenGL, DirectX, Cheat Engine, ReClass.NET, IDA Pro* May 2022 – Present

- Utilized **C++** and the **Windows** library to create console and DLL cheats for games like Assault Cube and Counter Strike: Global Offensive
- Analysed game binaries with **IDA Pro** and game memory through **Cheat Engine** and **ReClass.NET**
- Created aimbots and ESPs using **OpenGL** for Assault Cube and **DirectX** for CS:GO

### **Competitive Programming** | *C++, Java, Data Structures, Algorithms*

Sep. 2017 – Jun. 2021

- Competed in several coding competitions during high school like CCC and ECOO
- Advanced to regionals for ECOO several times

## LEADERSHIP EXPERIENCE

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### Rowing | *Time Management*

Nov. 2017 – Present

- Acquired **bronze** in the 4X in CSSRA during high school rowing
- Trained **six days per week** to win medals in regattas

### McMaster Computer Science Society | *Collaboration, Communication, Planning, Jira*

Sep. 2022 – Present

- Planned events for students in McMaster's computer science program
- Managed feedback from students and forwarded them to professors and council members
- Collaborated with other council members using **Jira**