

Geon Youn

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EDUCATION

McMaster University

Sep. 2021 — Apr. 2025

Bachelor of Applied Science in Computer Science Co-op — 3.9 GPA

- Applied SQL and relational algebra techniques to query databases on complex queries
- Utilized Java to understand and implement common design patterns and principles
- Solved data structures and algorithms problems using Java and Python

The Odin Project

Dec. 2022 — Sep. 2023

Full Stack JavaScript Web Development Course

- Created numerous projects while learning the fundamentals of full stack web development
- Coded a responsive personal website in React using Vite
- Learned about unit testing and test driven development

TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS, SQL, C++, C, Java, Python, Haskell, Prolog, Elm

Developer Tools: Git, GitHub, MongoDB Atlas, Postman, Miro, Figma, Linux, Docker, Kubernetes

Libraries: React, Node.js, Express.js, Mongoose, Passport.js, JWT, webpack, Vite, Next.js, Jest

Soft Skills: time management, communication, adaptability, problem-solving, teamwork, collaboration, critical thinking

TECHNICAL PROJECTS

TheTrigProject | *HCD, Git(Hub), Elm, Teamwork, MS Office, Design Thinking, Brainstorming*

- Followed the double diamond design method over 4 months to help high schoolers understand trigonometry
- Collaborated in a group of 5, using MS Teams and Discord for communication
- Gathered user problems and feedback on prototypes by conducting over 30 interviews
- Created over 8 prototypes, both low- and high-fidelity, in MS PowerPoint and Elm

Education Data For Change | *JavaScript, HTML, CSS, daisyUI, Tailwind CSS, Git(Hub)*

- Worked in a group of 3 in a 2 day hackathon to solve a problem in the Ontario education system
- Collated MS Excel data from Ontario government datasets on schools and students to CSVs using Python
- Learned about and implemented daisyUI and Tailwind CSS to create a visually appealing web application

Blog API | *Node, Express, JSON Web Tokens, MongoDB/Mongoose, Git(Hub)*

- Created a RESTful API for blogs in Express that supports CRUD methods on blog users, comments, and posts
- Added documentation on the GitHub readme and commented the code, leading to finding and fixing several bugs
- Tested routes using Postman for test driven development

EXTRACURRICULARS

Varsity Rowing | *Time Management, Teamwork, Disciplined, Detail Oriented*

Nov. 2017 — Present

- Collaborated with coaches and other rowers in the boat to create race strategies and identify weak-points
- Committed to training over 8 times a week to maintain physical fitness and improve rowing technique
- Recognized as a Marauder Scholar numerous times for achieving a high GPA while competing for McMaster

McDonald's Kitchen Crew | *Organization, Adaptability, Independent, Communication*

Apr. 2023 — Aug. 2023

- Adapted quickly after training and began working efficiently as a kitchen crew member
- Demonstrated flexibility in handling different jobs in the kitchen and assisting other crew members