

Eric Zhou

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 <https://github.com/3r1cZ>  <https://3r1cz.github.io/Personal-Website/>

Education

University of Ottawa | Current GPA: 3.99 09/2022-12/2026
Bachelor of Science with Honours in Computer Science
Middlefield Collegiate Institute | Grade 12 Average: 95% 09/2019-06/2022
Ontario Secondary School Diploma

Projects

PC Card Game | C# 06/2023-present

- Developed an anime card game using Unity and C#, similar to Yu-Gi-Oh
- Improved organizational and collaboration skills by planning complex features and working with others to develop graphics

Discord Bot | Python 04/2023-present

- Utilized Discord API to write functions based on user input
- Employed Git and Python modules in VS Code
- Outputs information collected using .txt files and RegEx
- Previously hosted through Repl.it and UptimeRobot (until 05/2023)

AI Chatbot | Python 04/2023-present

- Utilized Jupyter Notebook to build a learning AI using a bigram learning language model
- Built using the PyTorch framework

Personal Website | HTML, CSS, JavaScript 10/2022-present

- Developed a portfolio website from scratch with HTML, CSS, and JavaScript using VS Code
- Hosted the website using Github Pages

Battleship Clone | Java 12/2021-01/2022

- Developed a Battleship (board game) clone with Java using Eclipse IDE
- Wrote code with OOP and implemented a GUI

Experience

YMCA Day Camps 07/2022-08/2022
Day Camp Counsellor

- Planned and implemented sports-related programs and activities for children aged 5-12 years old
- Worked in a fast-paced environment, developing collaboration and critical thinking skills

Our Home Ontario 08/2020-present
Web Designer

- Developed a website using Wix
- Implemented custom code using HTML, CSS, and JS to build some website features

DMZ Canhack Challenge 03/2022
Participant

- Participated in a global cybersecurity competition
- Completed challenges such as debugging code and utilizing decoding algorithms to solve problems

York Region Hacks 04/2022
Participant

- Participated in a regional hackathon, developing a mathematics-related game in Java to test a user's mathematics abilities from elementary to secondary school

Skills

Programming Languages: Java, Python, HTML, CSS, JavaScript
Developer Tools: Git, Jupyter Notebook, PyTorch, VS Code, Eclipse IDE, Notepad++, Repl.it
Spoken Languages: English, Cantonese