

# Eric Zhou

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 <https://github.com/3r1cZ>

## Education

**University of Ottawa** | Current GPA: 3.99 09/2022-present  
*Bachelor of Science with Major in Computer Science*

- Relevant Courses: *Introduction to Computing (Python, Java), Digital Systems, Technical Report Writing, Data Structures and Algorithms*

**Middlefield Collegiate Institute** | Grade 12 Average: 95% 09/2019-06/2022  
*Ontario Secondary School Diploma*

## Projects

**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* 10/2022-present

- Developed a website from scratch with HTML and CSS 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

**Developer Tools:** Git, Jupyter Notebook, PyTorch, VS Code, Eclipse IDE, Notepad++, Repl.it

**Spoken Languages:** English, Cantonese