

Evan Zhang

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Experience

Mackenzie Computer Programming Team

Full Stack Developer

2018 - present

- Created and maintained the school's online judge (<https://mcpt.ca>)
- Implemented features including:
 - Contest registration, scoreboard freeze, user dashboard, blogs and more on my [GitHub](#)
- Organized and set over 100 problems for over 30 contests on the judge
- **Technologies used:** Python, Django, MySQL, Nginx, C/C++, Git, HTML, CSS, JavaScript

Skills

Languages C/C++, Java, Python, Assembly (x86), Bash, LaTeX, HTML, CSS

Technologies Git, Vim, Linux, Django, Nginx, Arduino, Android, MySQL, Bootstrap

Projects and Achievements

Competitions

Canadian Computing Olympiad [2018](#) & 2019

- 2018 Silver Medalist (Top 10 in Canada)

Woburn Challenge [2018](#) & 2019

- 2018 First Place

USA Computing Olympiad 2019

- Highest division - Platinum

PCHacks 2019

- Third Place out of 30 teams - Created [PCTeacher](#), a teaching tool that aims to help teachers help students with disabilities through learning type adaptation

Contest setting

- Organized and set problems for seven contests on the DMOJ, including [Back To School '18](#), [GlobeX Cup '18](#), [Valentines Day '19](#)

Development

[DMOJ: Modern Online Judge](#)

- Contributed to the DMOJ, a platform for running programming contests
- Contributed over 500 lines of bug fixes and new features, including implementing unlisted users, paginating the contest list, and adding "My tickets" on problem pages

[Ninjabot](#)

- A personal Discord bot containing a plethora of commands and features, including a swear tracker, awake time tracker, minesweeper, and Minecraft server status checker

[DMOB](#)

- A bot inspired by the DMOJ, creating a platform for users to run contests through Discord

[Contest Rating Predictor](#)

- Allows users to view their rating changes before a contest is rated

Education

William Lyon Mackenzie CI

Grade 11 MaCS Program

2016 - present