Eric Zhang

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SKILLS

Technical Skills: *Python, Java, C++, HTML, CSS, JavaScript, React.js, Git, Algorithms and Data Structures, Object Oriented Programming*

Tools: *Visual Studio Code, NetBeans, Eclipse*

PROJECTS

Bullet Heaven Game | *Java*   2021
- Created a 2D Scrolling Shooter Game using Java Object Oriented Programming.
- Utilized Java Swing to Create a GUI Component

Chess | *C++*   2022
- Developed a Fully Functional Chess Program using C++
- Implemented Algorithms to Check for Checkmates and Stalemates

EXPERIENCE

Computer Society Vice President   Sep. 2019 - Jun. 2022
Thornhill Secondary School
- Taught Algorithms and Date Structures like Dijkstra's, Segment Tree and Fenwick Tree
- Authored Programming Problems and Worked on Front-End Design on the Club Website tssoj.ca

Math Society President   Sep. 2019 - Jun. 2022
Thornhill Secondary School
- Delivered Lectures to 30 Students about Algebra, Geometry and Trigonometry
- Met and Collaborated with Teachers and School Executives to Schedule Club Meetings

ACHIEVEMENTS

3X Canadian National Math Team Competitor   2020, 2021
Canadian Mathematical Olympiad (CMO) with a score of 13 in 2021

Senior Canadian Computing Competition   2022
School Champion with Highest Score of 40 at Thornhill S.S.

UWaterloo Sir Isaac Newton   2021
21st Worldwide out of 1203 Participants   *Top 2% of Contestants*

EDUCATION

University of Waterloo   Sep. 2022 - May 2027
Candidate for Bachelor of Computer Science, Honours, Co-operative Program

- Microsoft Entrance Scholarship in Mathematics Recipient ($2,000)
- President's Scholarship of Distinction Recipient ($2,000)