

LOUIE PEI

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Summary of Qualifications

- Designing Functional Programming (CS135)
- Elementary Algorithm Design and Data Abstraction (CS136)
- Tools and Techniques for Software Development (CS136L)
- Technical Skills: Java, Python, C, HTML/CSS, JavaScript, SQL, Linux, Microsoft Suite
- Exceptional communication skills developed through experience mentoring students as well as volunteer experience
- Excellent cooperative and teamwork skills developed through collaborating with others in past volunteering and extracurricular experiences

Projects

Personal Website | *Javascript, HTML, CSS*

December 2022

- Developed a website to display some of my experiences as well as my contact information
- Implemented Javascript to allow for some interactions from the user, including resizing and interactive buttons

Work Experience

Mississauga Piano Studios

Sept 2018 – August 2022

Music Teacher/Administration

Mississauga, Ontario

- Prepared and provided weekly private lessons for over 20 students of various ages and levels of experience
- Provided students with clear feedback and learning objectives to ensure students understood how to further their skills
- Prepared several students for official examinations of various levels, recitals, and other forms of performance
- Managed scheduling and organization at an examination centre providing all exam candidates with clear instructions

Leadership / Extracurricular

Summer Camp

Summer 2018 – Summer 2019

Camp Leader

Merriam School of Music

- Planned out and lead engaging lessons and activities for more than 10 campers, ensuring full coverage of material planned out
- Collaborated alongside other leaders to coordinate a performance of all the campers at the end of the term

Bible Quizzing

Sept 2016–May 2022

Team Captain

Oakville Creekside Alliance Church

- Organized, and held practices as a leader, mentored and fostered a welcoming environment and strong synergies amongst all the quizzers
- Participated in Canada-wide tournaments, collaborating with other team members to compete with other teams from varying regions of Canada

Education

Candidate for Honours Bachelor of Mathematics

University of Waterloo

Sep. 2022 – Apr 2027

Waterloo, Ontario

- Average: 3.62/4.0