Louie Yin

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EDUCATION

University of Waterloo — Waterloo, ON, CA
Bachelor of Software Engineering — *Sept. 2024 – Apr 2029*
- Varsity Swimming

Parkdale Collegiate Institute — Toronto, ON, CA
International Baccalaureate Diploma + Ontario Secondary School Diploma — *Sept. 2020 – Jun 2024*
- Founder + President of Coding Club
- President of Announcements Team
- 150+ Hours of Community Service

EXPERIENCE

Lifeguard and Swim Instructor — April 2023 – August 2024
City of Toronto — *Toronto, ON, CA*
- Operate pools, regularly test chemicals, ensure patron safety, enforce city policies, establish good patron rapport
- Teach swim skills to patrons, provide critical, personalized and progressive feedback
- Maintain LSS Qualifications (National Lifeguard, Safety First-Aid, CPR-C), 25+ training hours annually
- Maintain Swim Instructor Qualifications (Swim Instructor, Lifeguard Instructor, Emergency First-Aid Instructor)

Wading Pool Attendant — June 2022 – September 2022
City of Toronto — *Toronto, ON, CA*
- Operate outdoor pools, regularly test chemicals, ensure patron (children) safety, establish good patron rapport
- Maintain Lifesaving Qualifications (Bronze Cross, Safety First-Aid, CPR-C), 25+ training hours annually

Mentor — July 2022 – July 2022
University of Toronto — *Toronto, ON, CA*
- Aided UofT students and professors in delivering engineering lectures and facilitating workshops
- Engaged with the children to ensure they had fun and learned new engineering skills

Math Contest Tutor — December 2020 – September 2021
Feng Da Education — *Toronto, ON, CA*
- Taught advanced, contest-level math concepts to 12-13 year olds
- Created personalized lessons and homework practice weekly to engage and motivate kids to learn more

PROJECTS

Gitlytics | *Python, Flask, React, PostgreSQL, Docker* — June 2020 – Present
- Developed a full-stack web application using with Flask serving a REST API with React as the frontend
- Implemented GitHub OAuth to get data from user's repositories
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks

Simple Paintball | *Spigot API, Java, Maven, TravisCI, Git* — May 2018 – May 2020
- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon new a release
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

SKILLS

Technical Skills: Proficient in JavaScript, Python, C, HTML/CSS (Front-End), Version Control (Git)
Competencies: Organized, Communicative, Collaborative, Adaptable, Takes Initiative, Self-Motivated, Public Relations

HONOURS AND CERTIFICATIONS

- Governor General's Academic Medal of Canada (2024)
- Paris 2024 Olympic Swimming Trials Qualifier, Canadian Nationals Finalist, Provincial Silver Medalist (2024)
- RCM Piano Level 10 First-Class Honours + Level 7 and 8 Certificates with Distinction (2023)

REFERENCES

- Available upon request