Jiaqi Tu

321756623tu@gmail.com

(604) 404 - 6680

EDUCATION

University of Toronto – Bachelor of Applied Science & Engineering   Toronto, CA

Specialization – **Software Engineering**, Minor – **Artificial Intelligence**

Overall GPA of **3.64**

TECHNICAL SKILLS

- AI/Machine learning
- Web development
- SQL/RDBMS Tuning
- Deep learning
- Game development
- Network Protocols
- Data Visualization
- Data analysis
- Economic Analysis
- Unix scripting
- Agile & Waterfall & V
- Electric & Magnetic
- Latex & Tex
- Signal and system
- Software Dev
- Digital analysis/design

PROFESSIONAL EXPERIENCE

University of Toronto   Toronto, CA

GIS system development   Jan 2022 – May 2022

- Using SDLC (software development life cycle)
- Using SQL to extract data from the GIS information database, using Gtk and Ezgl libraries in C++ to develop a entire GIS software
- Built a fully functional map which provides necessary information for normal using
- Implemented functions like navigation by using different path searching algorithms
- Functional and unit testing after different levels of project development

Educational pathway website design   Sep 2022 – Dec 2022

- Using agile development
- As a team of five, based on the previous school's Educational Pathway system, optimize and enhance what has been implemented
- Based on feedback from users, update and design new features, UX/UI, and system structure.

CIXI TianRun limited Company   Shandong, CN

Civil engineering assistance (intern)   May 2018 – Oct 2018

- Working with the civil engineering team, drawing blueprints based on instruction, calculating workloads and data.

Easy Group   Toronto, CA
Academic Tutor   July 2022 – Present
- Tutoring math or engineering-related courses, enhances what they have learned in school, states the general course structure, and helps solve after-school academic problems

AWARD

- Top 1% in Mathematics Contest (University of Waterloo), received a medal
- Dean's List scholarships, University of Toronto (CGPA 3.5+)