Kelvin Li

li.kelvin.kl@gmail.com | (647)-767-9139
linkedIn/li-kelvin-kl | github/li-kelvin | kaggle/likelvin

EDUCATION

BSc. Honours Civil Engineering With Computer Science Minor   Hamilton, ON | Sept 2018 - June 2023
MCMASTER UNIVERSITY
Coursework: Structural and Fluid Mechanics, Municipal Hydraulics and Water Quality, Transit Modeling and Intelligent Transportation Systems, Engineering Economics and Project Management

WORK EXPERIENCE

DJH & PARTNERS LLP | TAX AND FINANCIAL ANALYST   Markham, ON | May 2021 - Aug 2021

- Identified improvement changes regarding worker income protection benefit; that resulted in 15 small and medium business clients receiving deductibles of approximately $5000.
- Studied financial data of past projects to provide the client with risk and benefits breakdown which led to a expense costs decreasing by 7%.

CITY OF RICHMOND HILL | DEVELOPMENT ENGINEER INTERN   Richmond Hill, ON | May 2020 – Aug 2020

- Worked with C-level suite to create and host project meetings and presentations using MS Office Suite - creating visual displays, resolving stakeholder feedback.
- Led 18 students in teams of 6 to collect data on park development. Utilizing GIS and 3D CAD models for visuals; land-use maps of potential future parks were created.

EXPERIENCE

MCMASTER CONCRETE TOBOGGAN TEAM | CONCRETE TEAM LEAD   Hamilton, ON | Current

- Lead team of 4 to test previously poured concrete specimens for 28-day compressive strength. Final preparations include grinding, sanding, and waxing the running surface of the skis to increase performance.

MCMASTER ARTIFICIAL INTELLIGENCE | PROJECT COORDINATOR   Hamilton, ON | Current

- Coordinate and host weekly meetings to improve our understanding of Artificial Intelligence and Machine Learning.

PROJECTS/CERTIFICATES

NBA SALARY PREDICTOR ⬈   R, PYTHON
Developed model using linear regression that predicts NBA salaries using metrics such as PPG, APG, RPG, TOPG, BLK/G, SPG. Scraping script can be found on my GitHub page.

SUMO BOT ⬈   ARDUINO, AUTOCAD
Designed and built autonomous fighting robot utilizing CAD for robot chassis as well as Arduino control boards and Ultrasonic sensors to compete in one-on-one sumo matches.

GOOGLE PROJECT MANAGEMENT CERTIFICATES ⬈   NOV 2021
Improve my foundation of Agile project management, focusing on implementing Scrum events, building Scrum artifacts, and understanding Scrum roles.

MMRI INDUSTRIAL TRAINING ⬈   JAN 2021
Six modules on advanced manufacturing implementations of new technologies for product and process improvement. Three core areas: processes, material characterization, and industry 4.0.

SKILLS

Languages: Python, R, Java, C++, PHP, C, SQL
Web Development: HTML/CSS, React, JavaScript, Typescript
Technology: Git, AWS, AutoCAD, Arduino, LaTeX