




THOMAS YING

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QUALIFICATIONS

- Strong technical writing and presentation abilities
- Basic familiarity with design of steel and concrete structures, and highway bridges
- Proficient in Microsoft Office suite, including strong abilities in Excel
- G Driver's license, with access to vehicle
- Excellent time management and multitasking abilities
- Highly adaptable and a quick learner
- Effective interpersonal communication and conflict resolution skills
- Working knowledge of SAP2000, AutoCAD, Civil 3D, and ArcGIS



EXPERIENCE

Bridge Engineering Assistant | Doug Dixon & Associates Inc.

May 2022 – August 2022

- Co-wrote pre-design reports and memoranda for bridge rehabilitations and inspections
- Performed design calculations and checks for bridges, retaining walls, and other structures in accordance with CSA design standards
- Reviewed as-built drawings to ensure compliance with OPSDs
- Completed quantity take-offs and cost estimations for bridge rehabilitations
- Proposed traffic control plans for Don Valley Parkway and nearby arterial roads to facilitate temporary and long-term lane closures

Construction Site Clerk | Bluescape Construction Management Inc.

September 2021 – December 2021

- Coordinated with contractors to maintain completion schedule and ensure timely correction of deficiencies
- Performed daily inspections, identifying damages and other areas of concern



ACTIVITIES

Steel Bridge Design Team Member | University of Waterloo

September 2019 – Present

- Contributed to design and structural analysis of a 20' steel bridge using Excel and SAP2000
- Presented findings in written and video deliverables for 2021 and 2022 Canadian National Steel Bridge Competition



EDUCATION

Candidate for BAsC, Civil Engineering | University of Waterloo

September 2019 – April 2024