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| --- | --- | --- | --- | --- |
| Wanhan Zhang   |  |  |  | | --- | --- | --- | | Civil Engineer In training | arnprior | (438) 921-5525 | | |
| Details Arnprior  (438) 921-5525  [hannahzhang612@gmail.com](mailto:hannahzhang612@gmail.com) Skills Technical Training  Mathematical Skills  Time Management  Excellent Communication  Leadership Skills  Problem Solving  Ability to Work in a Team  Decision Making  Analytical Thinking  Technical Plans  Operational Analysis  Physics Understanding  Permit Applications & Laws  Materials Management Languages  |  |  | | --- | --- | | English | | |  |  |  |  |  | | --- | --- | | Mandarin | | |  |  |  |  |  | | --- | --- | | French | | |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  | | Profile | | |  | A recent graduate of McGill University's Civil Engineering program, I am looking for a junior position to gain valuable knowledge and experience as I embark on my career. Dedicated Civil Engineer with extensive knowledge of engineering principles, theories, specifications, and standards. Bringing technical training, drive, and a passion for creative problem solving to the table. Committed to working as a collaborative and positive team member, striving to utilize my knowledge and expertise for optimal engineering results. **(May need to change and add information to state my work in Triodetic so they know I am an experienced guy)** | |  |  |  |  |  | | --- | --- | --- | --- | |  | | Technical Skills | | |  | Microsoft Office, SAP2000, AutoCAD 2D & 3D, MTO & NBCC; VISSIM; & CSI Bridge, **WHIMIS.** | |  |  |  |  |  | | --- | --- | --- | --- | |  | | Education | | |  | Bachelor of Engineering, Civil Engineering, McGill University , Montreal | |  |  |  |  |  | | --- | --- | --- | --- | |  | | Employment History | | |  | Surveying Teaching Assistant at McGill University, Montreal  * Helped students with group project topics: surveying, mapping, detail surveying, deformation monitoring, highway construction surveys and aerial surveying; * Helped with students' assignments as well as assignment and exam markings; * Served as a friendly, hardworking, and punctual teaching assistant; * Provided students with in-depth understand of surveying and utilized effective mentoring methods to help them achieve their academic goals; * Helped any students struggling with new material by presenting it in a different way and acted as a strong and positive classroom support; * Helped to make copies and organize unit plans.   **AutoCAD technician at Triodetic, Arnprior from September 9th 2021 until now**   * Design building foundations and domes using AutoCAD 2D and 3D, according to clients’ requirements, provided information, and National Building Code of Canada, * patient to revise design drawings if clients need some changes after the first draft * Provide calculation memorials for the design * After finished design sheets, provide detailed Manufacture sheets for manufacture progress and Assembly sheets for construction site * Coordinate with colleagues to elaborate designs and do drawings review to ensure technical accuracy, and quality of provided services | |  |  |  |  |  | | --- | --- | --- | --- | |  | | Projects | | |  | Foundation Design for Multi-storey Industrial Building at McGill University, Montreal  * Provided factual descriptions from borehole records; * Worked on ultimate bearing capacity and total settlement calculations for shallow foundations, as well as deep foundations.  Bridge Replacement of HWY 417 East Lane, ON at McGill University, Montreal  * Analyzed load calculations using NBCC and MTO manuals and cost estimates; * Completed and provided bridge section drawings by using AutoCAD and CSI Bridge.  Surveying at McGill University, Montreal  * Performed level adjustment, differential leveling, distance measurement and loop traverse; * Responsible for surveying parts of Royal Mountain near McConnell Arena, as well as mapping using AutoCAD.  “CHEZ SOI” Housing Structural Project Drawing at McGill University , Montreal  * Used AutoCAD to provide housing structural project drawing. | |  |  |  |  |  | | --- | --- | --- | --- | |  | | References | | |  | References available upon request | | |

**License and certifications:**

Title: Engineering Intern (EIT) ----provided by Professional Engineers Ontario,

issued from October 2021, valid to October 31st, 2022.

Credential ID: 100569196

Canadian WHMIS 2015 ---- BY SafeAndCertified.com Inc.

Issued from September 2021, no expiration date

Credential ID: E118829

**Honors and Rewards:**

Tuition Exemption Award ---- Issued by Chinese government and Quebec government

From September 2015 to September 2020

Tuition exempt from international fees,