*hannah ZHANG*

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**Objective**

Currently seeking a full-time or an internship opportunity as of July 2021 to gain valuable knowledge and experience in the field of civil engineering.

**Education**

**McGill University**

*B.Eng.Civil Engineering Program* Montreal, QC

Sep 2015 – May 2021 (Expected)

**Skills**

Bilingual (Mandarin and English) SAP2000 VISSIM

French (Beginner) AutoCAD CSI Bridge

Microsoft Office Proficient Application of MTO and NBCC

**Projects**

“CHEZ SOI” Housing Structural Project Drawing by Using AutoCAD Nov-08, 2017

Surveying May, 2019

* Level Adjustment, differential leveling, distance measurement and loop traverse
* Surveying parts of Royal Mountain near McConnell Arena and mapping by using AutoCAD

Design Project: Bridge Replacement of HWY 417 East Lane, ON Sept-Dec, 2020

* Load calculations, according to NBCC and MTO manuals, and cost estimates
* Bridge section drawings by using AutoCAD and CSI Bridge

Design Project: Foundation Design for the Multi-storey Industrial Building Jan-April, 2021

* Factual descriptions from borehole records
* Ultimate bearing capacity and total settlement calculations for shallow foundations and deep foundations

**Work Experience**

Surveying Teaching Assistant at McGill University, Montreal, QC May, 2021

* Helped students with their group project topics, including surveying & mapping, detail surveying, deformation monitoring, highway construction surveys and aerial surveying
* Helped with students' assignments as well as assignment and exam markings

**Volunteering and Leadership**

Library Book Manager at Thornlea S.S. Sep - Dec, 2014

* Manage and clean the bookshelf daily by applying proper management skills

Festival Layout Arrangement at Maple Lion Club June - July, 2014

* Arrange layout and setup of the festival before the Maple Fest.