

Kaiser Islam

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PROFILE

Motivated Civil Engineering student currently on track to receive a Bachelor of Applied Science. Can adapt to any kind of work environment with a combination of excellent time-management and organizational skills. Enthusiastic to develop new skills and collaborates well with others.

EDUCATION

UNIVERSITY OF TORONTO | 2019 - PRESENT | BACHELOR OF APPLIED SCIENCE AND ENGINEERING

- Major: Civil Engineering
- Relevant Coursework: Construction Management, Engineering Communications, Steel and Timber Design, Reinforced Concrete Design (currently enrolled)

PROJECT EXPERIENCES

PROJECT MANAGER | BUDGETING IN CONSTRUCTION MANAGEMENT | JAN. 2021 – APR. 2021

- Evaluated an engineering project using drawings and specifications to successfully present a competitive stipulated bid price
- Collaboratively organized workflow with a fellow colleague to ensure project is completed in a timely manner
- Performed quantity takeoff for concrete structures within the building, such as footings, caissons, and slabs

PROJECT MANAGER | FOUR STOREY STEEL STRUCTURE | OCT. 2021 – DEC. 2021

- Designed a four-storey steel structure with SAP2000 to meet governing load combinations in collaboration with colleagues
- Applied multiple standards (S16-19 and the National Building Code of Canada - NBCC) to ensure project meets safety requirements
- Utilized a design calculator in Excel to independently select preliminary members
- Took the initiative to organize preliminary members in a presentable format for submission

WORK EXPERIENCE

YOUTH PROGRAM COORDINATOR | ISLAMIC SOCIAL SERVICES AND RESOURCES ASSOCIATION | TORONTO, ON. | JUL. 2018 – SEP. 2018

- Collaborated with fellow colleagues to cater to client needs to maintain their engagement with the Centre
- Independently planned multiple, innovative youth programs, to promote education and well-being
- Fostered better relations by taking the initiative to bridge the communication gap between clients and volunteers
- Adapted to changing work environments to ensure that all necessary functions of the Centre were operating
- Took the initiative to reach out to other companies to organize events for the Centre

SOFTWARE SKILLS

- 2D and 3D modelling: AutoCAD, SketchUP
- Analytical software: ArcGIS, SAP2000, Matlab, Aimsun Next 22, EPAnet
- Proficiency with Microsoft Office Suite and Google Suite

EXTRACURRICULAR ACTIVITIES

WEBMASTER | CIVIL ENGINEERING DISCIPLINE CLUB | SEP. 2021 – PRESENT

- Utilized WordPress to manage the Civ Club website
- Communicated effectively with other executives to ensure relevant content is promoted

FREELANCE WRITER | ENGINEERS WITHOUT BORDERS | SEP. 2021 – PRESENT

- Completed an article discussing the intersections between AI algorithms and climate change patterns in the transportation sector