

JAEWON BAE

jaey.pro@gmail.com · (647)-458-9968 · linkedin.com/in/jaewon-bae-1738b8132

EXPERIENCE

Building Science Consultant

May 2022 – Present

WSP in Canada

Thornhill, ON

- Oversaw numerous construction projects and building condition assessments, including client meetings, repair methods and payment certification
- Performed site reviews to monitor project progress and ensure conformance with schedule, specifications, and budget
- Coordinated with project managers, clients and contractors for engineering and management inquiries
- Prepared and reviewed contract documents and drawings in AutoCAD for tendering

Project Coordinator

Jun. 2021 – Apr. 2022

PCL-EllisDon, A Joint Venture (EllisDon)

Ottawa, ON

- Coordinated with project managers for various \$1M+ public projects through various phases
- Controlled project documents, RFIs and Change Orders and delegated tasks to contractors
- Assisted in procurement by writing scopes of work from design documents and performing analysis to award

Assistant Project Manager

Sep. 2019 – Dec. 2019

Public Services and Procurement Canada

Gatineau, QC

- Assisted in the delivery of the Place du Portage Phase III Renewal Project – Design Phase
- Coordinated and recorded meetings with stakeholders to discuss design, client requirements, and regulation compliance

Engineering CO-OP Student

Jan. 2019 – Apr. 2019

Canada Post Corporation

Ottawa, ON

- Successfully proposed a renewal project for an obsolete address card system using process mapping and decision matrices
- Provided technical support for the optimization of an optical character recognition system through data review
- Delivered a proposal presentation for the uses of virtual reality in postal services, which was added to the innovation pipeline

IT Contract

May 2018 – Aug. 2018

TAMCO Dampers

Ottawa, ON

- Developed detailed purchasing drawings of mechanical dampers part in AutoCAD and Solidworks
- Updated Bill of Materials reports with new specifications to upkeep consistency in production process

EDUCATION

B.A.Sc. In Civil Engineering (CO-OP)

Sep. 2016 – Jun. 2021

University of Ottawa

Ottawa, ON

- Graduated with Magna Cum Laude
- 3rd year representative of the Canadian Society of Civil Engineering – uOttawa Student Chapter

PROJECTS & EXTRACURRICULAR

Capstone Project – 8-Storey Mixed-Use Office Building

Jan. 2020 – Dec. 2020

- Computed the specific building load requirements from the National Building Code of Canada 2015
- Efficiently designed the reinforced concrete slabs for a two-way system in Excel following CSA A23.3-14
- Managed project with schedule updates and arranging meetings with stakeholders

Research Assistant – Undergraduate Research Opportunity Program

Jan. 2019 – Mar. 2019

- Awarded bursary for conducting laboratory research with engineering professors on the geotechnical response of a small-scale road subgrade model using geogrid reinforcements

SKILLS

Technical Software: Microsoft Office · Blubeam Revu · AutoCAD · Solidworks · S-Frame · SAP2000 · MATLAB

Coursework: Engineering Computation · Engineering Design · Theory of Structures · Reinforced Concrete Design · Construction and Project Management · Surveying · Hydraulics of Open Channels · Environmental Engineering · Soil Mechanics

License & Certification: Engineer-in-Training, Professional Engineers Ontario · Lean Six Sigma, Yellow Belt · G Driver's License

Languages & Frameworks: React · C · Visual Basic for Applications · Python · HTML · CSS · TypeScript/JavaScript
