

Samuel Davidson

B.A.Sc in civil engineering

+13439998074 | samuelcharles54321@gmail.com

- Experience writing forensic engineering reports, building condition assessments, construction quality assurance reviews, shop drawing reviews, coordinating project documents/specifications, PDF mark-ups
- Experience with on-site coordination of construction projects, managing project documents, updating two-week look ahead schedules, cost estimating, reviewing engineering drawings and reports.
- Excellent communication skills, detail oriented, organized, great team player
- Proficient with Microsoft applications
- Bilingual with English and French

Personal Details

Highest Level of Education: Bachelor's Degree

Work Experience

Building Envelope Designer

Adjeleian Allen Rubeli Ltd | Ottawa, ON

January 2024 to June 2026

- Building envelope consulting engineer in training
- Site investigations
- Writing engineering reports
- Editing drawings/specifications packages
- Reviewing shop drawings
- Project management
- Issuing construction documents and managing project administration

Teaching Assistant

University of Ottawa | Ontario

September 2024 to December 2024

Teaching Assistant for Undergraduate level classes in the Faculty of Engineering. Roles and responsibilities consisted of:

- Marking students' assignments
- Holding office hours
- Attending and evaluating student presentations
- Responding to students' emails

Seismic Designer (Co-op)

HTS Engineering - Heat Transfer Solutions | Ottawa, ON

May 2023 to December 2023

- Performing designs for seismic restraints and connectors on piping and ductwork
- Seismic isolation designs for HVAC components (AHU's, Boilers, Pumps, Expansion tanks, Condensing units)
- Analyzing and marking up construction drawings
- Conducting site inspections
- Materials/products takeoffs

Sales Associate

Lowe's Canada | Ottawa, ON

December 2021 to May 2023

Working in Lumber and Building materials department, tasks include:

- Assisting customers in finding products
- Driving forklift
- Operating lumber saw
- Organizing and maintaining department cleanliness
- Doing deck designs/quotes

Project Coordinator (Co-op)

R.W. Tomlinson | Ottawa, ON

September 2022 to December 2022

- Creating markups on construction drawings (Bluebeam)
- Managing traffic control plans
- Data entry (material tickets, equipment time, site notes)
- Site supervision and coordination
- Managing excel spreadsheets
- Safety management

Insurance Underwriter (co-op)

Victor Canada | Ottawa, ON

January 2022 to April 2022

Working along side an Insurance Underwriter to assist in:

- Reviewing policies
- Rating policy renewals
- Outlook and Excel management
- Endorsement auditing
- Emailing brokers

Project Assistant (co-op)

R.W. Tomlinson | Ottawa, ON

May 2021 to August 2021

Working along side a Project Manager to assist in:

- Site walks
- Creating as-builts
- Reviewing/editing construction drawings
- Coordinating survey requests
- Managing water samples
- Files management/organizing

Team Member

Tim Hortons | Ottawa, ON

October 2016 to April 2021

When promoted to supervisor, was in charge of organizing other team members, seeing to the completion of nightly tasks, closing the store

- Interacting with many costumers in both French and English
- Cleaning all facilities used by costumers and other employees
- Preparing food and beverages for costumers

Research Student

University of Ottawa (UROP Program) | Ottawa, ON

November 2020 to March 2021

Work with a PhD student to complete a research project on the ASR mechanisms of concrete

- Analyze data obtained from experiments and chemical tests in the laboratory
- Provide written and orally presented updates on the progress of the research project
- Make and present poster discussing project results at annual UROP Symposium
- Write professional abstract

Education

Civil Engineering (Master's degree)

University of Ottawa | Ottawa, ON

January 2024 to Present

Civil Engineering (Bachelor's Degree)

University of Ottawa | Ottawa, ON

September 2019 to December 2023

Secondary School

Sir Wilfrid Laurier Secondary School | Ottawa, ON

September 2015 to June 2019

Skills

Bluebeam **SharePoint** **Building Envelope Design** **Civil Engineering (mechanics, materials, environmental, surveying, geotechnical)** **Team management** **Drafting and Design (AutoCAD)** **Written**

and Verbal communications CAD Building 3D Modelling ProCore Microsoft Office (Word, Excel, PowerPoint, Outlook) Science and Mathematics

Languages

English - Fluent
French - Intermediate

Links

<https://www.linkedin.com/in/samuel-davidson-b0bb651a4/>

Awards

Valedictorian

June 2019

Presented Valedictorian speech for High School graduation

Student Leadership

June 2019

Took on roles and portrayed traits of leadership throughout high school career

Principal's Trophy

June 2019

Showed excellent performances in academics and extra-curriculars throughout high school career

McMahon Award

April 2019

Awarded to outstanding senior male athlete

Community Award

December 2018

Award to Football player exhibiting heavy involvement and volunteering around the school and in the community

Certifications and Licenses

Certified Forklift Operator

January 2022 to Present

Basic WHMIS Training

December 2020 to Present

Workplace Hazardous Materials Information System (WHMIS)

- For laboratory work
- Understanding proper procedures in working with and around hazardous products in a laboratory type setting

G Class Driver's Licence

July 2020 to Present

Dry Lab Risk Management

September 2019 to Present

- Understanding of proper safety behaviors in laboratory setting
- Risk management when conducting lab experiments
- Qualified to safely operate certain lab instruments

Joint Health and Safety Committee

November 2025 to November 2028

Certified joint health and safety committee member with the ministry of Ontario

Suspended Access Equipment

March 2024 to March 2027

Certification to use and operated suspended access equipment (swingstage)

Working at Heights Certificate

May 2023 to May 2026

Certification for working on construction sites above certain heights (scaffoldings, roofs, etc.)