

ADRIAN FOURNIER

University of Ottawa
Student, Civil Structural Engineering (CGPA 8.74/10)

CONTACT INFORMATION

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WORK EXPERIENCE

Arup (2022)

- Modelled complex structures in Rhino
- Analyzed and designed heritage and new buildings in SAFE, ETABS, RAM structural & SAP2000
- Performed seismic analysis of non-structural components
- Met with clients to provide project updates
- Presented a multidisciplinary case study to company leadership

City of Ottawa (2021)

- Reviewed grading, drainage and servicing plans for building permits ahead of schedule
- Resolved applicant concerns via phone and email
- Undertook increasingly comprehensive reviews, including infill development and subdivision applications

Public Services and Procurement Canada (2021)

- Assisted the Sustainable Buildings Management team with consultation, project management and client meetings
- Reviewed technical documents, deliverables, contracts and schematic designs
- Created department-wide waste reduction and diversion strategies
- Completed technical environmental data sheets (PIESR's)
- Produced a report on the integration of vegetation on federal building envelopes

Enviroservices Inc. (2019)

- Researched cross-connections in Gatineau's sewer system
- Collected storm sewer water samples
- Oversaw smoke and dye tests
- Safely worked in heights, manholes and high-traffic areas
- Communicated frequently with the public
- Coordinated efficient routes between colleagues

Tutoring (2017-2019)

- Tutored in Advanced Functions, Calculus and Vectors, Physics and French
- Prepared lessons, helped with assignments and explained mathematical concepts
- Developed study guides and habits suited to each student

EDUCATION

University of Ottawa (2018-22)

- BAsC in Civil Engineering (CO-OP)
- Varsity Track & Field and Cross-Country (2022 MVP)
- Academic All-Canadian
- Faculty of Engineering Dean's Scholarship
- University of Ottawa President's Scholarship finalist
- Excellence Entry Scholarship for GPA over 95%
- Merit Scholarship recipient

SKILLS

- Technical report writing
- Bilingual communication: verbal and written
- Structural Analysis and Modelling
- Structural design in concrete, steel and wood
- Government contracts
- Hydraulics, grading and servicing plans
- Learning and leading
- Collaborative and autonomous work
- Ability with computer applications:
 - AutoCAD
 - S-FRAME
 - Google Drive
 - Rhino
 - PowerPoint
 - Java
 - CSI SAFE
 - Word
 - Python
 - CSI ETABS
 - Excel
 - GitHub
 - SAP2000
 - Teams

VOLUNTEERING

- Ottawa Lions Track and Field Club (2012-Present)
- Riverside Park Community Association (2020-21)
- University of Ottawa Structures Lab (2020)
- Uni-Vert Environmental Summit Host (2018)
- ESC Franco-Cité Student Council (2017-18)
- Franco-Cité Environment Club Founder (2017-18)
- Camp des Faucons Sports Camp (2016)

LICENSES AND CERTIFICATIONS

- LEED Green Associate
- Class G Ontario Drivers License
- Reliability clearance
- Dry-Lab Risk Management