

Noah Cassidy (Civil Engineering Student)

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Education

CIVIL ENGINEERING (THIRD YEAR) - WITH BUSINESS MINOR: UNIVERSITY OF TORONTO

- Highlight courses include: Business Ethics; Building Science; Marketing and Strategy; and Construction Management
- Cumulative GPA 3.47

Extracurriculars

CECA GREEN ENERGY COMPETITION (CANADIAN ELECTRICAL CONTRACTORS ASSOCIATION)

- Plan a retrofit to create a net zero energy proposal for the Christie Refugee Welcome Center
- Audit/Finance Team Lead: Plan energy audit, coordinate financial planning for our proposal, and schedule theoretical contractors
- Building Energy Performance: Consider thermal performance, plug loads, and other ways to conserve energy

PAST EXTRACURRICULARS

- Hult Prize: Case competition to create a business venture to improve quality of life in a megacity (population > 10 million people)
- U of T Seismic Design Club: Build a structure from balsa wood members to withstand shaking
- Hart House Archery Club
- Grade 10 level Royal Conservatory Piano

Experience

RESOURCE STAFF/COUNSELLOR | CAIRN FAMILY OF CAMPS | SUMMERS 2014-2016

- Resource staff duties included creating and running sessions and supervising counsellors. Sessions included high ropes, zipline, and rock wall activities, which taught me excellent safety awareness. I also helped instruct counsellors and other resource on how to run these sessions
- An excellent community: supportive, driven, and welcoming. I strive to bring those qualities to any place I work or live.

COUNSELLOR | DEEP SUMMER ACADEMY | SUMMER 2017

- Assist in instructing students in all aspects of engineering. I helped mainly in computer science related courses.
- Computational physics, web design (front and back end), neural networks, and cloud computing
- Javascript with React, Python, and MATLAB.

Programming and Software

- Coursework in MATLAB, ARCGIS, S-Frame, AutoCAD, Sketchup, Slide 7
- Experience using advanced Microsoft Excel, Emacs, S-Frame, Maya, Blender and GitHub. Windows, Mac, and Linux OS, with Unix and bash.
- Programming experience in Python, Lua, Java, and Javascript, also using the React library.
- Git repositories: <https://github.com/Imperiouspi>