

# Nicholas Elder

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## Education

- McGill University** (2018 - present)  
**BSc in Statistics - Atmospheric and Oceanic Science Minor**  
- Class of 2022, Dean's Honour List, GPA: 3.81 (4.0 scale)  
**Bell High School** (2014 - 2018)  
- Silver medalist, Ontario Scholar, Honour Society, French Certificate.

## Experience

- Zeligsoft - Software Developer** (Summer 2020)  
- Created CMake automated unit tests to validate user examples across all 5 supported languages and 7 platforms, saving 35 working hours at every testing cycle.  
- Investigated techniques for running unit tests for cross compiled arm software.  
- Modified cross compiled builds to port assets to a physical arm machine, writing docker images to simulate older Ubuntu distributions  
- Translated existing python user examples to support google protobuf for python.  
**City of Ottawa - Camp Counsellor** (Summers 2016 - 2019)  
- Planned and directed activities for groups of up to 30 camp attendees (aged 4 - 14).  
- Created an engaging environment and ensured camper safety at all times.  
- Communicated with parents to ease child transition between home and camp.  
**Queensway Carleton Hospital - Volunteer** (2015 - 2018)  
- Provided support for patients through conversation and snacks consistent with dietary restrictions. Reported unusual circumstances to medical staff.  
- Dedicated over 200 hours towards creating a more pleasant hospital environment.

## Skills

### Programming

- |                    |                |           |                           |
|--------------------|----------------|-----------|---------------------------|
| - Java             | (1st-2nd year) | - C       | (2nd year)                |
| - HTML, CSS        | (Self Taught)  | - CMake   | (Zeligsoft)               |
| - Linux, BASH, Git | (Zeligsoft)    | - Docker  | (Zeligsoft)               |
| - Python           | (Zeligsoft)    | - Eclipse | (1st-2nd year, Zeligsoft) |

### Language/Communication

- Diplôme d'études en Langue Française DELF B2 (Nov 2017)

## Awards/Honours

- Fenton/Smithson Citizen of Bell Award**  
- Award for promoting social harmony and mutual understanding.  
**"Champion of Care" award**  
- Awarded to hospital workers by patients in recognition of their outstanding care  
**Bell Grade 12 Physics award**  
- Received for highest overall standing in grade 12 academic physics