

# GRANT ACHUZIA

[achuziaduby@gmail.com](mailto:achuziaduby@gmail.com) | [www.linkedin.com/in/grant-achuzia-8259251b8](https://www.linkedin.com/in/grant-achuzia-8259251b8) | <https://github.com/GAchuzia>

## EDUCATION

### CARLETON UNIVERSITY

Bachelor of Engineering, Major in Computer Systems Engineering

Ottawa ON

Expected May 2026

## WORK EXPERIENCE

### MAINTENANCE DRONE CO.

Software Development Intern

Ottawa ON,

Jul 2023 – Aug 2023

- Developed a class in our survey report generator app using Python to streamline annotation data import/export, ensuring data accuracy
- Implemented error detection methods to identify annotation issues in survey xml data, preventing inaccuracies in reports
- Created a structured folder management system and integrated open-source tools for efficient editing and verification of user annotations

### ROOF MAINTENANCE SOLUTIONS

Software Development Intern

Ottawa ON,

May 2022 – Aug 2022

- Built Python scripts using the regex package to extract relevant keywords and image data from 300+ roof survey reports, increasing efficiency for reviewing reports
- Used open-source annotation software to contribute 500+ annotated roofing images to machine learning model

## PROJECTS

### BOREALIS AI's Lets Solve It Program

Mar 2023 – May 2023

Team Member (Front-End)

- Designed a website using React and Python to allow students to upload end-of-term survey files and receive parse feedback based on a machine learning algorithm
- Implemented graphical designs created by team members into the application, ensuring alignment with project objectives

### INFO-GRABBER

Nov 2022

Python Data-scraping App

- Developed an application using the Tkinter, docx2txt, and Pandas libraries to extract data from multiple docx files and save them to a CSV file
- Utilized regular expressions to search and extract specific pieces of information from the formatted text of the docx files, including company names, property managers, building addresses, and job numbers

## ACTIVITIES

### ONTARIO ENGINEERING COMPETITION (PROGRAMMING)

Ottawa, ON

Team Member/Competitor

Jan 2023

- Collaborated with 3 other undergraduate students to create an interactive software to search and find medical facilities for users based on their symptoms and location
- Constructed a simple website for the application using HTML, CSS, and JavaScript

### C-ENG-C COMPETITION (PROGRAMMING)

Ottawa, ON

1st Place Winning Team

Nov 2022

- Worked with a team of 4 undergraduate students to create an application that simulates forest growth over varying periods of time
- Developed a front-end user interface to traverse our application using React and CSS

## SKILLS

**Technical Skills:** Python, C, Java, JavaScript, HTML/CSS, LaTeX, SQL