

Toman A. Aleksiev

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Education

Bachelor of Engineering, Software Engineering, Co-op

(January 2022 – May 2025)

Carleton University, Ottawa, Ontario

- **CGPA:** 8.71/12 (B), **Co-op Availability:** 4 months starting May 2023, **Expected graduation:** April 2024

Bachelor of Engineering, Mechanical Engineering, Co-op

(September 2019 – December 2021)

Carleton University, Ottawa, Ontario

Skills

Programming: Python, Java, C, C++, HTML, CSS, Javascript, React

Tools & Frameworks: Photoshop, IntelliJ, Linux, VIM, VSCode, Eclipse, PyCharm, GitHub

Programming Concepts: Operating System, Object Oriented Programming, Algorithms and Data Structures, Software Design Patterns

Languages: English (Fluent), Bulgarian (Fluent), French (Level 2)

Projects

Math Practice Problem Generator

(October 2021)

- Created a C Application that generates random Quadratic Equations and their solutions and outputs them in a text file.

Ball Bouncing Simulator

(October 2021)

- Created a Python Application that simulates a ball bouncing in the form of a GIF from input parameters in a JSON file.

Team Leader – Image Modifier Program

(March 2020 – April 2020)

- Created an Image Modifying Program in Python with a Command line UI.
- Used Microsoft tools and social media platforms to organise and distribute work such that it could be completed on time and with a high degree of quality.

Work Experience

Canadian Heritage

(May 2022 - September 2022)

Website Tester

- Test websites.
- Research and use automation software to help preform tests faster.

Hybrid Work

(April 2021 - Present)

Math, Chemistry and Physics Tutoring

- Online High School tutoring using tools I have built in Python.

Irpinian Kitchen's

(June 2021 - September 2021)

CAD Technician

- Used CAD software to map working space.
- Helped interpret technical drawings and relayed concerns or questions about drawings to supervisors.