**Toman A. Aleksiev**[My Website](https://anotm.github.io/), [my GitHub](https://github.com/Anotm), [My LinkedIn](https://www.linkedin.com/in/toman-aleksiev-8674b21b0/), [tomanaleksiev101@gmail.com](mailto:tomanaleksiev101@gmail.com)

### **Education**

**Bachelor of Engineering, Software Engineering (January 2022 – May 2025)**

*Carleton University, Ottawa, Ontario*

* **CGPA:** 8.71/12 (B), **Expected graduation:** May 2025

**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, Sublime, Eclipse, PyCharm, GitHub

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

**Languages:** English (Fluent), Bulgarian (Fluent)

### **Projects**

**Flappy Bird with Neural Network (November 2021)**

* We recreated the game “Flappy Bird” using pygame. In addition, a neural network was created, without using existing tools, to have the birds learn how to play.
* Made all visuals by hand.

**Maze Maker (March 2024)**

* Created a webpage in which one could watch a maze be generated, new maze every time, with specific parameters that the user has provided.

**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**

**Elections Canada (May 2023 -Present)**

Website Developer

* Design, develop, and maintain the internal webpages of Elections Canada.
* Updating content and design of the webpages to be more user friendly and interactive.
* Develop tools to aid in organization and speed up development time.

**Canadian Heritage (May 2022 - September 2022)**

Website Tester

* 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.