Toman A. Aleksiev

My Website, my GitHub, My LinkedIn, 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)**
- Recreated the game "Flappy Bird" from scratch and implemented neural network for the birds. The birds learn using the NEAT algorithm.
- 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.