Artyom Gabtraupov

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EDUCATION

Bachelor's Degree Computer Science Co-op (Ongoing)   `Sep 2023 - Apr 2027`
University of Guelph, Guelph, ON, GPA: 4.0 (97.4)

SKILLS

Programming Languages	Python, C#, C, C++, JavaScript
Software Tools	Unity, React, Tensorflow, Plastic SCM, HTML, CSS, Unreal Engine
Frameworks	Selenium, OpenAI API
Languages	English, Russian

PROJECTS

Mitosis Stage Cell ML Image Sorter *Python, Tensorflow, Google Colab, Machine-Learning*
Machine Learning program capable of sorting images of different mitosis stages of cells

EcoSim *Unity, C#, Blender, Perlin Noise*   https://artyomg.itch.io/ecosim
Simulation of prey-predator ecosystem in randomly generated 3D terrain

Reddit to Instagram Bot *Python, Selenium, PRAW Lib*   https://replit.com/@ArtyomGabtraupo/Instagram-Bot
An automated system that posts content from Reddit to Instagram

Tower Defense 2 *Unity, C#, Piskel, Tilemaps*   https://artyomg.itch.io/tower-defense
An isometric tower defense game with procedural exponential difficulty increase

Hexapawn AI *Unity, C#, Machine-Learning*   https://artyomg.itch.io/chess-but-but-awesome
Hexapawn AI (ML) that learns and adapts to your personal playstyle

Photography Commercial Website *React, Cybrancee*   https://artyomg.com
Professional website for personal business

Pokemon Showdown Minimax Bot *Python, Showdown API*   https://replit.com/@ArtyomGabtraupo/Pokemon-Showdown-Bot
An AI bot for Pokemon Showdown based on the minimax algorithm, modified to work speed based fighting system

AWARDS

Canadian Computer Competition - Senior (20) *2023*   University of Waterloo
Achieved 1st place in CCC - Senior at Cameron Heights Collegiate Instituate amongst grade 12 students

Euclid Math Competition (69) *2023*   University of Waterloo
Achieved 2nd in Euclid Math Competition at CHCI amongst grade 12 students

Canadian Computer Competition - Junior (62) *2022*   University of Waterloo
Achieved 1st in Canadian Computer Competition- Junior at CHCI amongst grade 11 students