

Veronica “Nonika” Reingold

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- Unity game developer with experience designing artificial intelligence agents.
- Software engineer with experience across multiple languages and frameworks.
- Graphic design experience for game and web development.

TECHNICAL SKILLS

Unity • C# • Python • Java • SQL • C • JavaScript • TypeScript • HTML • CSS • Git • LINQ
State Machines • Behaviour Trees • Machine Learning • Deep Learning • AI for Games

EXPERIENCE

Software Developer

Freelance

- Developed software applications, with a primary focus on web design.
- Offered advice on application design, Unity, C# development, and graphic design.

Software Developer

Women in Computer Science Society

March 2025 to Present
Windsor, ON, CA

- Developing the society's website in React.
- Collaborating with team members to manage and organize tasks.

Graduate and Teaching Assistant

University of Windsor

January 2023 to Present
Windsor, ON, CA

- Instructed students on game development with Unity.
- Taught artificial intelligence concepts, algorithms, and data structures.

Teaching Assistant

Tecumseh Vista Academy

January 2015 to June 2017
Tecumseh, ON, CA

- Tutored students in math and French.
- Assisted in running the school library, including operating the management system.

Programmer

Tecumseh Vista Academy FIRST Robotics Team

September 2014 to June 2017
Tecumseh, ON, CA

- Programmed the team's robots in Java.
- Led presentations to local businesses for partnerships and funding.

Event Organizer

Heron Terrace

December 2014 to August 2015
Windsor, ON, CA

- Organized and ran activities.
- Worked with people with physical and mental disabilities.

EDUCATION

Master of Science in Computer Science

University of Windsor

Started May 2025

- Artificial Intelligence Stream

Honours Bachelor of Computer Science

University of Windsor – 94.8% Average

June 2024

- Game Development Specialization
- Minor in Mathematics – 88.33% Average
- Minor in Communications, Media and Film – 86.17% Average

PROJECTS

Cat Caretaker

3D Unity Game

- Unity game made in four days for a game jam.
- Implemented an AI agent controlled via a finite state machine.

Little Alien Jumps Home

2D Hyper-Casual Unity Game

- Developed an infinite game loop with efficient object pooling.
- Implemented animations, user interface design, scene management, and persistent player data.

Dungeon Crawler

University of Windsor

Thematic 2D Unity Game

- Implemented procedural generation techniques including a random walk algorithm.
- Designed algorithms to detect room access and spawn enemies.

Artificial Intelligence for Games Projects

University of Windsor

Advanced AI for Games Concepts implemented in Unity

- Implemented sensors and actuators, finite state machines, navigation, and multi-agent behaviours.
- Developed visual graphs for defining state machines and tracking their transitions.

Bazar Ukrainian & International Food Website

Freelance

Website for a Local Business

- Developed a lightweight, single-page website.
- Configured the domain, email, and hosting.

H&M Virtual Closet

University of Windsor

Google Chrome Extension

- Developed for the ADA Mentorship Program.
- Programmed a virtual closet with a drag-and-drop user interface allowing customers to put together outfits.
- Won awards for the best and most creative project.

Women in Computer Science Society Website

Women in Computer Science Society

Website built using React

Database Management System

University of Windsor

Web-based DBMS for a SQL Database

Animation Project

University of Windsor

2D animation created using Adobe Animate

- Sprites edited using Adobe Photoshop.

SPEAKER

- University of Detroit Mercy – Accessibility in Games Guest Lecture

AWARDS

- Vector Institute Scholarship in Artificial Intelligence – \$17,500
- Master's Research Entrance Award – \$7,500
- Gold LEAD Medallion Scholar
- ADA's Most Creative Project Award
- Jam3's Sponsor Award
- Danial Family Scholarship for Women in Computer Science – \$1,000
- AlphaKOR-IT Excellence Award – \$1,000
- Alumni Association Academic Achievement Award – \$775
- University of Windsor In-Course Scholarships – \$3,225
- University of Windsor Entrance Scholarship – \$1,000