Eilay Katsnelson

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EDUCATION

University of Ottawa   Ottawa, ON
Bachelor of Science in Computer Science (COOP)   *2022 - 2026*

PROJECTS AND EXTRACURRICULARS

EduTutor Educational Math Game | *C#, Unity, Git*   August 2022 – Present
- Developing an educational math game that helps young teens solidify their math knowledge
- Collaborate effectively with 16 other team members through version control
- Implement new features using Unity and C#

Computer Science Club Founder   October 2021 – June 2022
- Started a computer science club at my local high school due to popular demand
- Created and taught lessons teaching basic programming, data structures, and algorithms
- Gave club members direction in pursuing their computer science hobbies

Bonobono Radio | *Python, Discord.py, Docker*   January 2022
- Developed a fully-featured discord music bot complete with a queue system, volume control, etc.
- Created a docker container to intuitively deploy onto any environment
- Deployed onto an Ubuntu server environment for reliable 24/7 use

Monogame Project | *C#, Monogame, .NET*   December 2021
- Created a short story-based game as a final project for a computer science course
- Game makes use of data structures such as queues and linked lists to work efficiently
- Game is complete with a user-friendly UI, final boss fight, statistics, and file I/O

Shape Manager | *C#, Monogame, .NET*   October 2021
- Created a data-based application that can store and manage different shapes
- Application can perform operations with shapes such as check for collisions
- Project is complete with an intuitive UI

EXPERIENCE

Team Member   April 2021 – June 2022
Pizza Hut   *Richmond Hill, ON*
- Greeted customers, took orders, and handled financial transactions
- Fulfilled many roles to reliably provide service in a fast-paced environment
- Prepared foods and orders of different types
- Maintained and cleaned expensive kitchen machinery and appliances

General Labourer   June 2021 – August 2021
ATCS LTD.   *Vaughan, ON*
- Flooring construction: in-house demolition and installation of baseboard and flooring
- Landscaping: soil preparation, installation of fake grass, and installation of interlock
- Consistently communicate with customers to ensure project matches and exceeds expectations

Teacher's Assistant   October 2019 – March 2020
Jroots Sunday School   *Vaughan, ON*
- Created lesson plans and activities for students in grade 5
- Engaged students to foster a positive learning experience
- Communicated with parents about progress and behaviour of their children

SKILLS

Programming Languages: Java, Python, C#, Dart, JavaScript, HTML/CSS
Frameworks: .NET, Monogame, Unity, Docker
Related Skills: Linux, Networking, PC-building
Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Spoken Languages: English (fluent), Hebrew (fluent), Russian (conversational)