



edl8xy@brocku.ca



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3510 Schmon Parkway,
Thorold,
ON L2V 4Y6



linkedin.com/in/elyadenysova

SKILLS

Programming languages

- Java, JavaScript
- C#, C++, C
- Python
- SQL
- Solidity
- Lua
- Assembly
- Bash

Frameworks/Libraries

- React
- NodeJS
- Bootstrap
- SCSS

Platforms

- mySQL
- MongoDB
- RobloxStudio
- Unity
- Visual Studio

LANGUAGES

English	Proficient
French	Beginner
Ukrainian	Native
Russian	Native

INTERESTS



Video Game Development



Virtual Reality



Machine Learning



Science Fiction

YELYZAVETA DENYSOVA

EDUCATION

COMPUTER SCIENCE CO-OP

Brock University
St. Catharines, Ontario, Canada

SEP 2019 - APR 2023

WORK EXPERIENCE

CODE SENSEI PART-TIME

CodeNinjas
St. Catharines, Ontario, Canada

JAN 2021 - DEC 2022

- Introducing students to coding through game building activities, teaching basics of game development and 3D modelling, demonstrating how programming can be amusing, challenging, and entertaining
- Assisting youth ages 7-14 on their journey through Create program that involves learning block-based coding in Scratch, JavaScript, Lua, and C# for development in Unity
- Engaging kids ages 5-7 in image-based coding activities and building power circuits and helping them develop critical thinking and hand motor skills

JUNIOR DEVELOPER AND RESEARCHER CO-OP

Ministry of Transportation
St. Catharines, Ontario, Canada

MAY 2022 - SEP 2022

- Researched blockchain technology and current trends around it, experimented with smart contracts, learned about Interplanetary File System and how these innovations could be adapted in government
- Documented all my finds, 3 sample projects with instructions, and ideas in a detailed lab report and prepared placemats for visual representation
- Conducted 2 sessions on blockchain introduction and detailed technical walkthrough for anyone interested to learn about the technology
- Developed Python helper scripts to assist in testing Artificial Intelligence model developed for Highway Video Analysis lab
- Examined NVIDIA TAO toolkit and experimented with AI image classification model in order to improve its accuracy based on new dataset

JUNIOR JAVASCRIPT FULLSTACK DEVELOPER CO-OP

Ministry of Transportation
St. Catharines, Ontario, Canada

SEP 2021 - DEC 2021

- Enhanced code quality and performance significantly for Ontario Public Service educational website by restructuring models and optimizing APIs
- Used JavaScript for the Front-End of the website along with Bootstrap and React
- Improved C# Back-End and SQL Server database
- Performed research and prepared detailed report as well as presentation on tools and technologies that ministry should consider for enabling MTO's Data Marketplace



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YELYZAVETA DENYSOVA

WORK EXPERIENCE – CONTINUE

LEAD INSTRUCTOR CO-OP

CodeNinjas
Burlington, Ontario, Canada

MAY 2021 – SEP 2021

- Examined and updated the Create program curriculum for game development in Scratch, RobloxStudio, Unity, and JavaScript based Game Development Platform
- Assisted in management and execution of summer camps for 16 youth ages 5-14 focused on a variety of activities in Scratch, RobloxStudio, Minecraft, YouTube, and SonicPi
- Increased students' ability to learn and explore objects as well as functions by upgrading the search feature and developing new content on the documentation website
- Demonstrated leadership skills by performing as a role model to the rest of the sensei team to help them expand their knowledge and improve teaching skills

ACADEMIC PROJECTS

TRAFFIC NETWORK – SERVER&PLAYER NETWORKING GAME

Brock University
St. Catharines, Ontario, Canada

APR 2021

<https://github.com/ed18xy/TrafficNetwork>

- Designed and coded networking-enabled driving game in Java for a player to be connected via terminal to server
- Implemented a server that accepts a player connection and creates a thread controlling NPC cars and running the game
- Organized workload, set up deadlines, and tracked progress by writing a detailed plan for each project workday to ensure deadlines and perform in the most efficient way
- Generated a detailed summary explaining my design, justifying implementation decisions, providing running commands and received full mark of 100% as a result

ONLINE STORE

Brock University
St. Catharines, Ontario, Canada

NOV 2020

<https://github.com/ed18xy/flowerstore>

- Created a web page for imaginary online flower store
- Added multiple pages available through menu bar, active product list, and enabled wish list
- Used HTML and CSS base with JavaScript functions
- Utilized Local Storage to create a remembering wish list

AWARDS AND ACKNOWLEDGMENTS

DEAN'S HONOUR LIST – 2
GENERAL MOTORS OF CANADA BROCK SCHOLARS AWARD
BROCK UNIVERSITY SCHOLARSHIP RENEWAL
DEAN'S HONOUR LIST
BROCK UNIVERSITY ENTRANCE SCHOLARSHIP

2022

2022

2021

2020

2019

REFERENCES AVAILABLE UPON REQUEST