

# George Ghoryafi

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## EDUCATION

### BSc. Honours in Computer Science, Data Science Option

Ottawa, ON | April 2025

UNIVERSITY OF OTTAWA

Coursework: Digital Systems, Intro to Computing I (Python), Intro to Computing II (Java)

## WORK EXPERIENCE

### FREELANCE | PRIVATE TUTOR

Remote | Feb 2020 - Jan 2022

- Improved student test score by 20% on average by focusing on reading comprehension, developing math skills, programming fundamentals and critical thinking through one-on-one tutoring sessions
- Collaborated with students to complete homework assignments, identify lagging skill and correct weaknesses
- Prepared lesson plans to meet goals identified in students' individualized study plans

## PROJECTS

### TIC-TAC-TOE GAME

JAVA, OBJECT-ORIENTED DESIGN

- Practiced concepts in Object Oriented Programming such as Class Inheritances and Polymorphism
- Implemented single player and multiplayer functionality

### A\* SEARCH ALGORITHM

PYTHON, OBJECT-ORIENTED DESIGN, PYGAME

- Implemented a visualizer for the A\* search algorithm using Python and the Pygame module
- Learned about the Queue data structure

## EXTRACURRICULAR ACTIVITIES

### Computer Science Student Association

Ottawa, ON | September 2021

UNIVERSITY OF OTTAWA

- Volunteered in organizing and delivering an Intro to Python event for first years new to programming

### DeFi the Conventional: Hackathon

Ottawa, ON | March 2022

TERRA

- Introduced to the Rust programming language, interacting with smart contracts, signing blockchain transactions, and coding on the Terra wallet ecosystem

## SKILLS

Languages: Java, Python, C#, Rust

Web Development: JavaScript, HTML/CSS, React

Technologies: Git/Github, Unity,  $\LaTeX$ , Linux