

# Kevin Tran

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## EDUCATION

### Bachelor of Science - Computer Science (Co-op)

09/2024 – 04/2029

Toronto Metropolitan University

- Dean's List (2024 - 2025)
- Relevant Coursework: Python, Java, Data Structures, Linear Algebra, Computer Organization, Linux, Statistics

## TECHNICAL SKILLS

### Languages

Python, Java, C, HTML, CSS, JavaScript, Assembly

### Developer Tools

Git, VS Code, Arduino, Excel

## PROJECTS

### IMDB Data Insights & Movie Recommender [🔗](#)

Python

- Developed a Python-based platform that recommends movies and TV shows based on user-selected titles, genres, and popularity metrics.
- Implemented sorting and filtering functionality to list content by rating, number of votes, and release year, enabling dynamic exploration of popular titles.
- Processed and analyzed IMDb datasets using pandas and NumPy to handle large-scale data efficiently and generate accurate recommendations.

### Gengar Simulator [🔗](#)

Java

- Designed a turn-based simulation game based on the video game "Pokemon".
- Applied linear algebra concepts (points, matrices) to control animation paths and drawing logic.
- Built an interactive GUI with JSwing for animations and to enhance user experience.

### One Piece Adventure Game [🔗](#)

Java

- Designed a choose-your-own-adventure game inspired by the TV show "One Piece", where player decisions dynamically influence story progression.
- Implemented probability-based algorithms to determine the success or failure of player actions, driving strategic planning and replayability.
- Applied object-oriented programming principles in Java, leveraging classes, constructors, getters/setters, and method overriding to design flexible and reusable game systems.

## WORK EXPERIENCE

### Coding Instructor

STEM Camp

06/2024 – 09/2025

Newmarket,  
Ontario

- Led hands-on learning sessions focused on coding and robotics, fostering student engagement and technical understanding
- Guided students through practical applications of loops, conditionals, and variables in Python, with practical exercises
- Mentored students in debugging and problem-solving, fostering critical thinking and coding proficiency

### Tax Preparer Associate (Co-op)

Liberty Tax

02/2022 – 06/2022

Newmarket,  
Ontario

- Conducted detailed client interviews to gather accurate financial and personal information for tax preparation
- Informed clients of required procedures, documentation, and expected timelines throughout the tax filing process
- Prepared and entered tax return data using Excel and company software, ensuring accuracy and compliance with CRA standards