

Kevin Tran

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EDUCATION

Bachelor of Science - Computer Science

09/2024 – 2028

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 chance-based game based on the TV show "One Piece"
- Implemented probability-based algorithms to calculate outcome likelihoods and drive game mechanics
- 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