

Josephine Tjhia

j.tjhia@gmail.com | linkedin.com/in/josephine-tjhia | github.com/tjhiaj | devpost.com/tjhiaj

EDUCATION

University of Toronto

Bachelor of Science in Computer Science, Minor in Art History & Visual Culture

Toronto, ON
Sep. 2022 - Present

EXPERIENCE

DevOps Engineer

Sun Life Financial

January 2024 - Present

Toronto, ON

- Enhancing Java deployment using Docker, Kubernetes, and Jenkins, ensuring faster releases and minimal downtime
- Engaging in shift-left testing, collaborating with the coaching team, and contributing to documentation, fostering agile DevOps practices and collaboration

President

Hack the Valley

January 2024 - Present

Toronto, ON

- Leading a diverse team to ensure a seamless experience for the 700 expected attendees, overseeing the schedule, workshops, and mentorship programs for the 2nd largest hackathon in Canada

Vice President of Mentorship

Women in Computer Science, Statistics, & Mathematics

August 2023 - Present

Toronto, ON

- Launching the AccelHERation mentorship program for first-year students in the CSM department and connecting them with upper-years to support women's success in technology by pushing for increased access to resources

Coding and Artificial Intelligence Instructor

University of Toronto Jr. DEEP

May 2023 - August 2023

Toronto, ON

- Empowering over 100 students to develop coding and AI skills through interactive lessons, inspiring students to pursue studies in computer science and artificial intelligence

Technology Mentor

Cyber-Seniors: Connecting Generations

August 2020 - November 2020

Toronto, ON

- Trained senior citizens across North America to address technological barriers on various digital devices in hour-long, one-on-one virtual sessions, developing intergenerational relationships by guiding seniors

PROJECTS

Social Questionnaire App | Python, Flask, OpenAI GPT

August 2023

- Created a REST API with methods to manage phase changes, user data, and game logic. Received and responded to requests, transmitting information in the JSON format
- Implemented GPT by calling OpenAI's API to generate most-likely-to questions. Collaborated with a partner to integrate front and back end, creating a social app that strengthens friendships

Ecosystem Simulation Game | C#, Unity

January 2023

- Collaborated in a team of 4 to develop a 2D ecosystem simulation game with a fully interactive user interface that allows players to design custom game elements in 36 hours
- Mastered the Unity framework and C# scripting to implement a genetic algorithm, simulating evolution and gene inheritance in the game's digital organisms

TECHNICAL SKILLS

Languages: Java, Python, C, C#, SQL, JavaScript

Frameworks: Flask, JUnit, Kubernetes, OpenShift

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Unity, Docker, Jenkins, Grafana, Tableau

AWARDS

Kabam's GameChanger Scholarship (\$5000)

December 2023

University of Toronto Dean's List

October 2023

University of Toronto Renewable Entrance Scholarship (\$3000/year)

September 2022 - Present

Duke of Edinburgh's Silver Award

July 2023

Governor General's Academic Medal

June 2022