MIREILLE TAN

(+1) 408-667-1362 | mt48@illinois.edu | www.linkedin.com/in/mireille-tan | github.com/Mireille-T

EDUCATION

University of Illinois at Urbana-Champaign   **Expected Graduation: May 2026**
Bachelor of Science in Computer Science   GPA: 4.0 / 4.0

Related Coursework:

Intro to Computer Science I, II	Discrete Structures	Calculus II, III

Raffles Institution   **January 2020 - December 2021**
Singapore-Cambridge GCE Advanced Level   UAS: 90 / 90

TECHNICAL SKILLS

Programming Languages: C#, C++, Java, JavaScript, Python
Framework / Tools: Git, Unity, Flutter, Azure Cloud, Inkscape, Blender 3D
Languages Spoken: English, Mandarin, Spanish

WORK EXPERIENCE

Software Development Intern at JTC Corporation   **April 2022 - July 2022**
- Developed and tested features surrounding vertical systems on the front-end system of a digital infrastructure for the integration of smart city solutions in Unity C#
- Documented user interface framework features implemented systematically on Confluence

PROJECT HIGHLIGHTS

POINT General Relativity Simulation in Virtual Reality   **August 2022 - Present**
Physics Outreach and Instruction through New Technologies research project
- Developed front-end features for user interaction in Unity C#, including an in-game menu, a multilingual subtitle-parsing system and a tutorial sequence
- Collaborated actively with others on the VR Development Team through version control, branch management and documentation on GitHub

alto Browser Extension for Digital Accessibility   **October 2022 - Present**
Microsoft Imagine Cup 2023 Americas World Finalist Project
- Designed and implemented the front-end of a Chromium browser extension using HTML, CSS, JavaScript and Chrome Web APIs
- Utilized Azure's Computer Vision API to generate alternative text for screen reader users

EXTRACURRICULAR ACTIVITIES & LEADERSHIP

Gold Microsoft Learn Student Ambassador   **August 2020 - Present**
- Delivered Microsoft Ignite 2022 Learn Live session "Configure Microsoft Teams meetings and calls for inclusion" and engaged 1009 live viewers with 94% session value
- Co-hosted Microsoft Student Summit Americas session with 1000+ live viewers
- Organized, prepared and delivered a virtual training bootcamp for the Azure Cloud Fundamentals exam for 80+ students