Sydney Tsin

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OBJECTIVE: Seeking a computer science co-op for software engineering or game-design with strong programming skills in Java and C. Available Jan 2025 - December 2025.

EDUCATION

Rochester Institute of Technology (RIT)   Expected May 2028
Bachelor of Science/Masters of Science Accelerated Program, Computer Science   GPA: 3.960/4.000
- Dean's List Fall 2023, Spring 2024

Relevant Courses: Mechanics of Programming, Intro to CS Theory, Computer Science for AP, Intro to Software Engineering

SKILLS

Programming Languages: Java, C, Python, HTML/CSS, TypeScript, GDScript, JavaScript

Software and Frameworks: Microsoft Suite, Java Spring Boot, JavaFX, Angular, JApplet, REST API, Unit Testing, Git, Godot, SQL, Linux environment

PROJECTS

Python Tracker Program, Personal Project   December 2024
- Configure Python and SQLite to create a Tracker Program that creates a database and configures data in the table using Git for version control

WiC Arcade Cabinet RPG, Women in Computing (WiC) Project Committee Project   September 2024 - December 2024
- Collaborate with team of six to code and develop National Technical Institute of the Deaf (NTID) game level for club room arcade cabinet using Godot and Git for version control

U-Fund Charity Website, Group Project   September 2024 - November 2024
- Worked with team of five students to design, build, and test website using MVVM model for group project
- Used REST API in Java for backend and JUnit testing with 90% code coverage and Git for version control
- Utilized Angular CLI to develop front end adhering to object oriented design principles with CSS for design aesthetic

Pridle: Guess the LGBTQ+ Flag!, WiC Hacks Hackathon   March 2024
- Led a team of three students to design, build, test, and present fully functioning app for a guess the flag game
- Developed app in Java using JavaFX using IntelliJ and Git for version control
- Implemented and problem solved bugs in a high-pressure, time-sensitive environment at 24-hour hackathon

WORK EXPERIENCE

RIT Administrative Support Team, Center for Campus Life, *Student Assistant*   August 2024 - Present
- Oversaw administrative tasks for 300+ clubs, ensuring accurate financial transactions and scheduling
- Coordinated communication and approvals with Campus Life directors, enhancing organizational efficiency
- Provided customer service at Tiger Suite front desk, addressing student inquiries and concerns effectively

Panera Bread, *Line Worker*   January 2022 - August 2024
- Thrived in a fast-paced environment, handling 26+ orders simultaneously while maintaining quality and efficiency in food preparation and service delivery
- Elevated customer satisfaction by delivering exceptional service to 100+ diverse guests daily, balancing multiple roles as line cook and customer liaison

LEADERSHIP EXPERIENCE

RIT Center for Residence Life, *Residential Advisor*   August 2024 - Present
- Facilitated a positive living environment for a diverse group of 30+ students by mediating conflicts, enforcing campus policies, and organizing community-building events
- Developed and implemented educational programming on topics such as academic success and wellness

EXTRACURRICULARS

Women in Computing (WiC), *Active Member*   August 2023 - Present
- Attended weekly meetings to facilitate community for Women in Computing, develop professional skills in LinkedIn, resume building, and interview etiquette, and network with companies such as Constellation Brands and M&T Tech
- Volunteered for events such as Girl Scout Tech Badge Day and WiC After Hours to promote welcoming and safe learning environments for women and gender minorities in computing and other tech related fields