TYLER STEWART

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EDUCATION

Wentworth Institute of Technology   **ANTICIPATED GRADUATION |AUGUST 2025**

Bachelor of Science in Computer Science, 3.5 Cumulative GPA

Related Coursework: Algorithms, Data Structures, Databases, Network Programming, Operating Systems, Game Development, Computer Organization

SKILLS & ABILITIES

SOFTWARE: Eclipse, Linux, Azure, Oracle, Visual Studio, VS Code, Spyder, MATLAB, VirtualBox

LANGUAGES: Java, Python, HTML, CSS, JavaScript, C, Bash, C#, SQL, R, Assembly

PROJECTS

SARA CONNELL ART GALLERY - saraconnellartist.com *(TEAM OF 2)*   **SEPTEMBER 2023**

- Created a public website for users to view Sara Connell's portfolio using HTML, CSS, and JavaScript.
- Utilized flexbox's properties to maintain the layout of each webpage.
- Managed code with team through GitHub.

MAZE - *Game Development (SOLO)*   **APRIL 2022**

- Created a two-dimensional, top-down game using Unity in which the player avoids enemies to escape a maze.
- Coded game mechanics using C# and Unity's script function.
- Handled player and enemy interactions using ray casts to determine whether they are physically touching.

INFIX EXPRESSION EVALUATOR USING STACK ADT - *Data Structures (TEAM OF 2)*   **OCTOBER 2021**

- Transformed equations into postfix notation then operands were pushed to a stack during iteration.
- Executed operations when operators were encountered.
- Adhered to the structure of the stack ADT to construct order of operations based on precedence.

FILE TRANSFER APPLICATION - *Network Programming (TEAM OF 2)*   **APRIL 2021**

- Utilized Python's socket programming library in order to create a file transfer application.
- Enabled two users to transfer files from one computer to another.

EXPERIENCE

Junior Systems Engineer Co-op, CMIT Solutions   **JANUARY 2024 - APRIL 2024**

- Collaborated with senior engineers to troubleshoot complex problems.
- Assisted in configuring and maintaining hardware and software components.
- Supported backup and recovery procedures to safeguard critical data.

Information Technology Intern, *Callahan Construction Managers*   **MAY 2022 - AUGUST 2023**

- Troubleshot and resolved technical issues for employees.
- Interacted with users in order to provide effective and timely customer service.
- Installed and configured hardware and software.

ACTIVITIES

VARSITY COLLEGE BASKETBALL | WENTWORTH   **AUGUST 2021 - PRESENT**

- Named All-Conference First Team and team captain.
- Collaborated with teammates to create and execute offensive and defensive strategies.