

Sammy Stollman

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Git: <https://github.com/stollmansatwit>

Website: <https://stollmansatwit.github.io/>

Education

Wentworth Institute of Technology, Boston MA

Expected Graduation: August 2026

- Bachelor of Science in Computer Science, Minor in Applied Mathematics
- GPA 3.29/4.00
- Relevant Courses: Computer Science, Data Structures, Computer Organization, Calculus I & II, Foundations of Applied Mathematics, Network Programming, Algorithms, Linear Algebra, Operating Systems (in progress), Multivariable Calculus (in progress), Probability & Statistics (in progress), Applications of AI (in progress)
- Dean's list Spring 2022

Southeastern Regional Vocational Technical High School, Easton MA

May 2021

- GPA 4.16/4.3
- Relevant Courses: Python Programming, Digital Logic

Skills

- Programming Languages: Python, Java, C, JavaScript
- Relevant Software: VSCode, Unity, Blender, Unreal Engine, Arduino
- Problem Solving, Project Planning, Algorithmic Approach, Data Visualization

Projects

Python Graphical TKinter Piano

May 2019

- Created a program to graphically build a one octave playable piano in Python
- Utilized multiple Python libraries including Tkinter for GUI creation, time for recording, and winsound for audio playback/generation

JavaFX Target Game

March 2023

- Worked with a team to create a game where users click on a moving target that becomes progressively faster and smaller
- Combined elements of programming and game building
- Used JavaFX and object-oriented programming principles to build a well-organized and enjoyable game

Cat and Mouse Odyssey

October to November 2023

- Worked with a team of three to build a game that runs two different clients sending input to each other
- Connected sockets over UDP
- Continuously tested my knowledge of network programming concepts and socket programming
- Used Pygame library to draw characters and map on both players' screens

Epidemiology Compartmental Models

April 2023

- Computed, explained and visualized the spread of disease through several compartmental models
- Gained proficiency in Jupyter notebook, executing code cell by cell
- Expanded understanding of math concepts applied in data visualization

Relevant Experience

Tinker & Create Instructor/Assistant Instructor | Sharon, MA

May 2019 to 2023

- Taught and assisted elementary and middle school aged students in 3D animation with Blender, game design with Unreal Engine, and robotics courses using Arduino to provide meaningful education focused on STEM topics
- Designed lesson plans and implemented them in class setting

The Rivers School IT Organization Project | Weston, MA

June 2024

- Tested and surveyed equipment and contributed to a Google Sheets spreadsheet outlining all technical issues in every classroom on the school campus
- Organized messy wires and equipment in various locations around the school and collaborated with the IT team