

# Kian Frawley

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## EDUCATION

**Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science**

*Bachelor of Science in Computer Science*

*Expected December 2025*

**Cumulative GPA:** 3.40/4.00

**Honors:** Tau Sigma Honor Society, Dean's List

**Relevant Coursework:** Data Structures and Algorithms, Assembly Programming, Technical Writing

**Suffolk County Community College, State University of New York**

*Associates of Science in Computer Science*

*Graduated May 2023*

**Cumulative GPA:** 3.90/4.00

**Honors:** Phi Theta Kappa Honor Society, President of Computer Science Club, Ellis Eschen Scholarship

**Relevant Coursework:** GUI Programming, Object-Oriented Programming, Web Development, SURC'23 Research Project

## TECHNICAL SKILLS

**Languages:** C++, C, Java, SQL, JavaFX, JavaScript, X-86 Assembly

**Software and OS:** Visual Studio, Git, Windows, Microsoft 365 Suite, Eclipse, ChatGPT

**Additional:** HTML, CSS, Research, Automation, Web Development,

**Certifications:** CompTIA A+

## PROFESSIONAL EXPERIENCE

**New York State Electric & Gas, Data Engineering Intern** | Binghamton, NY

*July 2025 – August 2025*

- Worked with internal CSDAS team to develop an internal SAP to SQL Audit Tool
- Assisted with creation and enhancement of multiple SSRS reports
- Acted as an intern ambassador and planned over three event's

**New York State Electric & Gas, Intern** | Binghamton, NY

*July 2024 – August 2024*

- Worked with multiple customers to create automated reports by using SSRS and SQL
- Implemented a custom logging feature in over 200 programs using Visual Basic for Applications
- Revised my departments entire file system containing over 500 documents including search optimization

## PROJECT EXPERIENCE

**Internal SAP/SQL Audit Tool, Data Engineering Intern** | Avangrid Intern Project

*July 2025 - January 2025*

- Built a program using C#/VBA to measure sync accuracy between remote SAP tables and local SQL tables.
- Worked in an existing large Github codebase to integrate the tool and ensure reliable data checks via custom SSRS view's

**Stock Market Simulator V2, C++ Developer** | Personal Project

*July 2024 - January 2025*

- Used external libraries such as curl, JsonCpp, vcpkg and Twelve Data's API to pull live stock information
- Implemented common stock evaluation technique's to info the user if they should buy/sell a certain stock
- Implemented object persistence feature for Users, enabling storage of user info across application instances

**SpaceInvadersJS, JavaScript Developer** | Personal Project

*August 2024*

- Recreated the video game Space Invaders in JavaScript, allowing for access in the web browser
- Used image rendering and HTML canvas to implement features in vanilla JavaScript

**Spotify Clone, C++ Developer** | Group Class Project

*March 2024*

- Created a music application which seek to simulate part of Spotify's functionality.
- Successfully implemented a custom merging of a binary search tree and a heap to meet runtime requirements.

**Omaha-Poker, C Developer** | Class Project

*November 2023*

- Successfully used a bit-vector to manually manipulate binary to assign the correct player hand.
- Created a program which when given an text file with two hands, it will determine the winner in a round of poker.

**Book Database, Java Developer** | Class Project

*July 2022 – August 2022*

- Created JavaFX based database that used a GUI to facilitate user interaction and display data in multiple forms
- Implemented features like user profiles, restricted access, keyword search, and ISBN look up

## LEADERSHIP EXPERIENCE

**Suffolk County Community College Computer Science Club, President**

*January 2023 – August 2023*

- Manage comprehensive records for the chapter and orchestrate a variety of campus events
- Managed a team of 6+ members while properly delegating tasks and assignments