

Aiden Nemeroff

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[Portfolio](#) | [LinkedIn](#) | [Github](#)

EDUCATION

Bachelor of Science in Computer Science, Minor in Information Science

Aug 2023 - April 2027

University of Pittsburgh

Pittsburgh, PA

Relevant Coursework: Data Structures & Algorithms | Systems Software | Networks & Information Security & Privacy

NOTABLE PROJECTS

Fraternity Website

- Designed, developed, and currently maintain a comprehensive website for the fraternity, leveraging **HTML, CSS, and JavaScript** to provide a seamless and responsive user experience for **80+ active members**.
- Independently manage all aspects of website administration, including domain registration, hosting configurations, and security protocols, ensuring **consistent up-time and data integrity**.
- Collaborate with fraternity leadership to update content, refine user interface design, and implement new features aligned with organizational goals and member needs.

Discord Bot

- Engineered a modular Discord bot in **Python** using **discord.py** to streamline organization operations, including attendance tracking, event notifications, and birthday reminders for **90+ members**.
- Implemented secure **role-based access**, automated birthday/event messages, and DM-based attendance check-ins to enhance engagement and accountability.
- Integrated the **Google Sheets API** for real-time logging and authored documentation to support long-term maintenance and on-boarding.

Anagram Solver

- Developed an efficient solution for unscrambling multi-word anagrams using **recursive backtracking** techniques to systematically explore possible word combinations.
- Implemented a dictionary management system utilizing **dictionary.txt** and a multi-way **trie** structure to optimize run-time performance and enhance solving efficiency.
- Designed and integrated a method for **prefix-based word searching** within the trie, significantly improving the backtracking process and reducing computational overhead.

EXPERIENCE

QuickChek Corporation

May 2024 - August 2025

Cooler Manager

Toms River, NJ

- Maintained** cooler operations, ensuring product rotation, temperature control, and quality standards.
- Coordinated inventory receiving and stocking with vendors such as **Coca-Cola, Pepsi, & Canada Dry**.
- Optimized** product layout to boost efficiency, accessibility, and sales.

Shoptite

May 2021 - August 2023

Cashier & Personal Shopper

Jackson & Brick, NJ

- Efficiently processed customer transactions using cash registers and POS systems, ensuring accurate handling of cash, credit, and coupons.
- Provided** customer service by addressing inquiries, resolving issues, and assisting with purchases.

ORGANIZATIONS

Sigma Alpha Mu - Psi Chapter

March 2024 - Present

Risk Manager

Pittsburgh, PA

- Enforce the **National Sigma Alpha Mu Risk Management Policy** and oversee compliance at all chapter events.
- Develop and implement **risk management procedures** to ensure safety and mitigate liabilities.
- Lead **risk management programming**, including at least one educational presentation per semester.

Kappa Theta Pi - Beta Chapter

Sep 2023 - Present

Vice President of Technological Development

Pittsburgh, PA

- Oversee and maintain** the fraternity's website and digital presence, ensuring accurate, up-to-date content and seamless user experience.
- Manage and safeguard** the fraternity's data infrastructure, implementing regular backups and secure information storage.
- Lead the Kappa Theta Pi Development Team**, directing technical initiatives and optimizing digital operations.

SKILLS

Technical Skills Java | Python | C | SQL | R | JavaScript | HTML | CSS | React.js

Developer Tools Git | Github | VS Code | Eclipse | Figma | LaTeX