

# 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

- Built a modular Discord bot for **Kappa Theta Pi** using **Python** and **discord.py**, integrating attendance tracking, event notifications, and birthday reminders for **80+ members**.
- Developed secure role-based command access (e.g. Admin-only features), DM-based attendance verification, and daily birthday/event message automation.
- Integrated Google Sheets API for dynamic attendance logging and constructed a long-term continuity plan with full documentation and tutorial-based onboarding.

### 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 2024

Fuel Attendant

Brick, NJ

- Delivered excellent customer service while handling fuel transactions & maintaining safety protocols.
- Operated fuel pumps, managed cash/credit transactions, and ensured equipment functionality.
- Conducted daily maintenance and cleanliness of the fuel area, adhering to company and state safety regulations.

### Shoprite

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.
- Delivered excellent customer service by addressing inquiries, resolving issues, and assisting with bagging and product handling.

## 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