

# Aiden Nemeroff

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[github](#) | [linkedin](#)

## EDUCATION

### Bachelor of Science in Computer Science, Minor of Information Science

University of Pittsburgh

Aug 2023 - Present

Pittsburgh, PA

### High School Graduate

Jackson Memorial High School

Sep 2019 - June 2023

Jackson, NJ

## SKILLS

**Programming Languages** Python | Java | JavaScript | C | SQL | R | Assembly

**Developer Tools** Git | Github | VS Code | Eclipse | MARS | Logisim | LaTeX

## NOTABLE PROJECTS

### Arcade Machine

- Designed and constructed a custom arcade machine using wood, integrating **Raspberry Pi** as the core system, and assembling external hardware like joysticks, buttons, and a display.
- Developed and implemented custom programs and scripts to optimize system performance, automate tasks, and troubleshoot issues for seamless gaming experiences.
- Installed and configured emulation software (**RetroPie**) to support multiple gaming platforms, ensuring smooth gameplay and a user-friendly interface.
- Led troubleshooting and testing efforts, resolving hardware and software integration issues to enhance system functionality and reliability.

### Anagram Solver

- Developed an efficient solution for unscrambling multi-word anagrams using recursive backtracking techniques.
- Implemented a dictionary management system utilizing dictionary.txt and a multi-way trie 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 overall solution speed.

## EXPERIENCE

### QuickChek Corporation

May 2024 - August 2024

Fuel Attendant

Brick, NJ

- Delivered excellent customer service while handling fuel transactions, maintaining safety protocols, and resolving issues.
- 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

- Processed customer transactions efficiently using cash registers and POS systems, ensuring accurate handling of cash, credit, and coupons.
- Provided exceptional customer service, addressing inquiries, resolving issues, and assisting with bagging and product handling.
- Maintained checkout area cleanliness and complied with store policies for security and loss prevention.

## ORGANIZATIONS

### Sigma Alpha Mu - Psi Chapter

March 2024 - Present

Scholarship Chair

Pittsburgh, PA

- Manage chapter scholarship policies to support member academic achievement.
- Organized and facilitated study sessions to enhance academic performance and delivered engaging presentations on study strategies and academic success.
- Share scholarship opportunities and provide application guidance to support members' academic and financial success.

### Kappa Theta Pi - Beta Chapter

Sep 2023 - Present

Scholarship Chair

Pittsburgh, PA

- Ensure compliance with the Kappa Theta Pi Constitution by enforcing academic requirements for Active Membership among all Active Brothers.
- Organize and host group study sessions during critical academic periods, such as midterms and finals, to foster a supportive and collaborative learning environment.