

Aiden Nemeroff

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EDUCATION

University of Pittsburgh

B.S. in Computer Science, Minor in Information Science

Pittsburgh, PA

Aug 2023 – May 2027

EXPERIENCE

Web Developer thaliamedical.com

Thalia Medical Center

June 2026 – Present

Philadelphia, PA

- Developed a healthcare website to improve patient access to mental health and substance use treatment services.
- Designed interfaces and optimized accessibility, SEO, and site performance to enhance patient engagement.
- Translated stakeholder requirements into scalable web solutions supporting the organization's digital outreach.

Web Developer go-gameday.com

GameDay Clean LLC.

Feb 2026 – Present

Philadelphia, PA

- Engineered a full-stack business platform using React, Node.js, and Shopify APIs supporting online booking, secure checkout, and customer management.
- Designed scheduling and payment workflows that automated customer onboarding and reduced manual tasks.
- Optimized application performance and managed Vercel deployments, improving reliability for production users.

Software Engineer Intern

Zee Foods LLC.

June 2026 – Aug 2026

San Francisco, CA

- Developed Polaris, a Next.js and Supabase platform for cold-chain logistics and QuickBooks integration.
- Built TypeScript-based frontend and backend features to automate order intake workflows.
- Designed scalable logistics solutions in collaboration with stakeholders to improve operational efficiency.

PROJECTS

Sports Analytics Prediction Platform | *Python, TypeScript, R, PostgreSQL, REST APIs*

- Developed a sports analytics platform leveraging statistical modeling across 10,000+ historical sporting events to generate predictive insights.
- Engineered automated ETL pipelines that aggregated, normalized, and stored data from multiple REST APIs into PostgreSQL for large-scale analysis.
- Designed a weighted scoring engine and historical backtesting framework to evaluate predictive accuracy and continuously optimize model performance.

Discord Bot | *Python, Discord.py, Google Sheets API*

- Built a Python-based Discord bot serving 90+ users with automated attendance tracking and event management.
- Integrated Google Sheets APIs to automate data collection and streamline administrative workflows.
- Implemented role-based permissions and scheduled background tasks to improve scalability and reliability.

Logistics Route Planning System | *Next.js, React, TypeScript, Google Maps Platform*

- Built a delivery-route planner with editable stops, detours, and automatic distance/ETA calculations.
- Integrated Google Maps, Routes, and Geocoding APIs for customer locations and multi-stop route visualization.
- Secured tenant data with PostgreSQL RLS and CASL authorization; added unit, integration, and E2E tests.

Multi-Word Anagram Solver | *Java, Trie, Recursive Backtracking*

- Engineered a high-performance anagram solver using recursion and custom search-space reduction techniques.
- Designed a multi-way trie to optimize dictionary lookups and prefix matching performance.
- Reduced average computation time by 40% through algorithmic optimization and efficient pruning.

TECHNICAL SKILLS

Languages: Java, Python, TypeScript, JavaScript, SQL, C, HTML/CSS, R

Frameworks: React, Next.js, Node.js, Express.js, Tailwind CSS

Databases: PostgreSQL, Supabase

Developer Tools: Git, Github, Docker, Vercel