Aidan Apito

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EDUCATION

Rutgers University Newark / NJIT College of Computing Sciences   **Newark, New Jersey**
Bachelor's in Computer Science   *September 2021 – May 2025*
- **Minor**: Data Science
- **Relevant Coursework:** Advanced Data Structures & Algorithms, Machine Learning & AI, Software Engineering, Database System Design, Popular Data Science Models, Intensive Programming in Linux

EXPERIENCE

Rouxbe   **Totowa, New Jersey**
Software Development Contractor   *June 2025 – July 2025*
- Reduced manual data entry by automating extraction of 10,000+ client records with a Python web scraper and consolidating the data into a centralized repository.
- Decreased support backlog by 60% by building and deploying an AI-powered HR chatbot (OpenAI API + Flask) integrated into Slack, automating 60+ employee inquiries monthly.

Sobel & Co LLC.   **Livingston, New Jersey**
Information Technology Intern   *June 2022 – January 2023*
- Reduced IT audit preparation time by 50% and boosted inventory accuracy by 35% by developing a SQL-based asset management system logging and tracking 200+ equipment assets.
- Shortened compliance audit duration by 30% by automating discovery and classification of 500+ endpoints with Lansweeper (network discovery software) and generating real-time reports and dashboards.
- Provided technical support resolving 60+ monthly hardware and software issues through Helpdesk ticketing system.

PROJECTS

NHL Fantasy Hockey Helper   **Github**
Creator   *November 2025 – Present*
- Engineered a full-stack TypeScript application (Next.js, Prisma) that aggregates NHL player statistics and fantasy league data via REST APIs and web scraping (Selenium/Playwright), enabling real-time trade analysis and player valuations.
- Built and productionized PyTorch multi-task neural networks to forecast player performance, with batch inference pipelines integrated into the application to provide week-ahead matchup projections and trade recommendations.

Restyled   **App Store**
Creator   *June 2025 – August 2025*
- Developed and launched a SwiftUI wardrobe visualization app with real-time outfit previews.
- Integrated an AI-powered background-removal feature, delivering clean and consistent garment images.
- Engineered a weather-aware Core ML collaborative filtering model and implemented a Firebase serverless feedback pipeline to capture user ratings and automate retraining, boosting recommendation accuracy by 20%.

NCAA Volleyball Stat Scraper   **Github**
Creator   *November 2023 – May 2025*
- Built a Python pipeline that extracted, cleaned, and validated 15,000+ individual player statistics across 100+ NCAA men's volleyball teams over 3 seasons, enabling reliable exploratory data analysis.

ACTIVITIES AND LEADERSHIP

Rutgers University Newark Men's Volleyball Team   **Newark, New Jersey**
Captain of nationally ranked volleyball team   *November 2021 – April 2025*
- Guided a 15-member squad to national ranking and mentored incoming athletes.
- Recognized as a member of the Rutgers University–Newark All-Academic Team for maintaining high academic performance while balancing the demands of athletics and leadership responsibilities.

Rutgers University Newark Student Athlete Advisory Committee   **Newark, New Jersey**
Member   *September 2023 – May 2025*
- Advocated for athlete well-being; organized 5+ wellness and networking events engaging 200+ student athletes.

SKILLS

Languages: Python, R, C#, TypeScript, Swift, C++, JavaScript, C, HTML/CSS, SQL
Frameworks: Flask, Next.js, PyTorch, PySpark, Scikit-learn, Prisma, SwiftUI, Selenium, Playwright
Tools & Technologies: Docker, Firebase, Git, Xcode, Linux, Jupyter, NLP, RAG, Prompt Engineering, REST APIs, Web Scraping