Miraj Yafi

📞 (267) 367-2255 ✉ mby25@drexel.edu 💼 linkedin.com/in/miraj-yafi ⬛ github.com/miraj-yafi 💼 myafi-portfolio.vercel.app/

Education

Drexel University **Expected Graduation: Jun 2028**

Bachelor of Science in Computer Science — **Cumulative GPA: 3.70** *Philadelphia, PA*

Technical Skills

Languages: Python, TypeScript, JavaScript, Java, C, Racket, Bash, HTML, CSS

Frameworks/Tools: Next.js, React, Express, Node.js, Flask, Tailwind CSS, Git, Supabase, Postman

Databases/ORM: PostgreSQL, SQLite, SQLAlchemy, Prisma

Operating Systems: Microsoft Windows, Linux, macOS, iOS

Experience

Drexel University College of Computing and Informatics **Mar 2025 – Sep 2025**

AI Research Co-Op *Remote*

- Pioneered the launch of the AI-Atelier research lab, setting the strategic direction for its educational resources
- Researched and synthesized cutting-edge AI developments and video and sound restoration algorithms, translating complex technical concepts into accessible learning materials
- Designed and developed hands-on courses on Generative AI and AI-powered application development, integrating practical exercises with tools such as Hugging Face, Google Gemini, and Python
- Reviewed the content of 20+ team members, provided constructive feedback, and facilitated 50+ meetings to maintain quality, consistency, and alignment with lab objectives

Projects

GameDex | *Website* | *Source Code* **Jun 2025 – Aug 2025**

Next.js | React | TypeScript | Tailwind CSS | Express | PostgreSQL

- Built a full-stack platform using Next.js, React, TypeScript, Tailwind CSS, Express, and PostgreSQL, enabling users to browse game deals, manage libraries, and receive AI-powered recommendations
- Designed and implemented backend RESTful APIs with Express.js, middleware, and database schemas using Prisma and PostgreSQL to ensure scalable and efficient data management
- Implemented secure user authentication with JWT and bcrypt, supporting registration, login, and logout while protecting user data
- Integrated Google Gemini API to deliver personalized AI driven game recommendations based on user libraries and preferences

InternSight | *Website* | *Source Code* **Sep 2025 – Present**

Next.js | React | TypeScript | Tailwind CSS | Express | PostgreSQL

- Developed a full-stack platform using Next.js, React, TypeScript, Tailwind CSS, Express, and PostgreSQL, enabling users to receive AI-driven resume feedback
- Built a resume analyzer powered by Google Gemini AI to provide personalized feedback, scoring, and actionable tips based on resume content, tone, and ATS compatibility
- Designed a responsive and modern user interface using React and Next.js, leveraging a component-based architecture and Tailwind CSS to build reusable UI elements and ensure a consistent, visually appealing design across all devices

WanderPlanner | *Website* | *Source Code* **Jan 2024 – Jun 2024**

Flask | Python | SQLite | JavaScript | HTML | CSS

- Developed a full-stack travel itinerary website using a Flask backend, an HTML, CSS, and JavaScript frontend, while managing a SQLite database to store user account information and saved itineraries
- Utilized OpenCage, Foursquare, and Google Maps APIs to power dynamic trip planning, enabling personalized recommendations and multi-modal travel routing

Banking Software System | *Java* **Oct 2024 – Dec 2024**

- Engineered a modular banking system in Java adhering to OOP principles, incorporating automated APR calculation, time-based balance updates, and transaction rules to ensure scalability, maintainability, and accurate account management
- Conducted 400+ tests following test-driven development (TDD) practices to validate code correctness and improve maintainability