

Jaith Darrah

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EDUCATION

Arizona State University

Bachelor of Science in Computer Science — GPA: 3.7/4.0

Tempe, AZ

Expected May 2026

WORK EXPERIENCE

Walgreens

June 2025 – August 2025

Software Engineer Intern

Deerfield, IL

- Collaborated with software engineers, managers, and others at Walgreens on the Loyalty team using **Java**, **Spring Boot**, **Gradle**, **Elasticsearch**, **Microsoft Teams**, and **Agile software development**.
- Developed and maintained Walgreen's backend microservices used by **8,500** stores and over **100 million** loyalty members.

PROJECTS

Portfolio Website

- Developed a personal website using **NextJS**, **React**, **TypeScript**, and **Tailwind CSS**, to showcase my work and experiences.
- Hosted the website using **Vercel** and **Cloudflare** to make the website available to the public.

Noodlebot

- Developed a Discord bot to detect message edit events and display the difference between the original message and the modified message using **JavaScript**, **ExpressJS**, and **PuppeteerJS**.
- Containerized the application using **Docker** to ensure consistency across environments and **reduce deployment time by 50%**.
- Deployed the application on **AWS** and **logged 1000+ message changes**.

Clash of Clans Base Finder

- Developed a command-line interface using **Python** to eliminate repetitive manual Clash of Clans base searches and automatically identify bases with a high amount of loot.
- Utilized **OpenCV**, **OCR**, and **AutoHotKey**, to automate the process of finding Clash of Clans bases based on resource criteria (gold, elixir, and dark elixir) and **decreased my time spent searching for bases by 90%**.

SunDevil Book Buying and Selling System

- Built a desktop application using **Java** and **SQLite** to oversee book sales between buyers and sellers and provide administrators with a dashboard to monitor listings, sales, transactions, and users.

Gemini Chess Game Review

- Built a **full-stack web application** using **ASP.NET** and **C#** to analyze chess games and provide feedback.
- Developed prompts and utilized Google's **Gemini AI** API to generate explanations of how key moves impacted outcomes of chess games.

Ecommerce Application

- Built a **full-stack web application** using **TypeScript** and **React** to facilitate sale transactions of items between buyers and sellers.
- Created an **API** with **FastAPI** using **Python** and storage with **PostgreSQL** to store and retrieve all necessary data.

SKILLS & INTERESTS

- **Technologies:** TypeScript; JavaScript; Python; Java; C++; C#; NextJS; React; HTML; CSS; Tailwind CSS; NodeJS; Flask; Git; SQL; PostgreSQL; AWS; Vercel; Docker
- **Skills:** Learning; Hardworking; Collaborating; Teamwork; Software Engineering; Web Development; UX Design; Project Management; Microsoft Word
- **Interests:** Brazilian Jiu Jitsu; Manga; Startups; Clash Royale; Discord; Typing