

Tagan Ramsey

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EDUCATION

The University of Texas at Dallas

B.S., Major in Computer Science, Minor in Innovation and Entrepreneurship

GPA: 3.624

Expected May 2026

Hackathon Projects

SnapAI (Spring 2025 – Axxess Hackathon)

- Built an object detection and chatbot app to recognize first aid emergencies.
- Integrated Google Maps API and phone call features for emergency assistance.
- Tech: Python, OpenAI API, Google APIs, Flask, Roboflow

TeleKinetics (Spring 2024 – Axxess Hackathon, 1st Place AI Division)

- Developed a mobile app using AI to analyze and improve physical therapy form.
- Tech: Flask, TensorFlow

Personal Projects

Chess Engine (Summer 2025) – Build a chess engine using minimax algorithm

- Tech: Python, Pygame, Chess library

Kids-U CRM (Fall 2024 – EPICS) – Built donor + volunteer management system for a charity.

- Worked in a team of 7 under a Agile framework.
- Meet weekly with professionals from Kids-U to fulfill the charities needs.
- Tech: Next.js, React, Prisma, PostgreSQL, Docker

How To (Fall 2024) – Website integrating YouTube + Gemini API to teach skills.

- Tech: Next.js, React, Flask, TypeScript, Google APIs, Axios

Dino AI (Fall 2024) – AI to play Chrome's Dinosaur Game via NEAT + pixel inputs.

- Tech: Python, NEAT

AI Driving (Summer 2024) – Self-driving AI using 10 distance sensors to drive around track.

- Tech: Python, NEAT, Pygame

WORK EXPERIENCE

Whole Foods Market – Dallas, TX

In-Store Shopper | Jun 2024 – Present

- Coordinated with team members to fulfill and organize customer orders efficiently.

Costco – Plano, TX

Seasonal Front-End Assistant | Oct 2023 - Dec 2023

- Communicated with team members to assist customers in the store.

TECHNICAL SKILLS

Languages: Java, Python, C, C++, C#, JavaScript, TypeScript, MIPS

Frameworks/Technologies: Next.js, React, Flask, Prisma, Tailwind, Axios

Databases/Tools: PostgreSQL, Docker, Git