

Nathan Schober

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EDUCATION

Texas Tech University: BS Computer Science / Graduation Date May 2026/**3.512 GPA**

Dean's list - 3.5+ GPA / 2022 fall to Present

SKILLS/ Certification

HackWesTX Winner - YoutubeStudyPlan project - 2024

C++ – 3 Years

Mongo DB – 6 Months

CompTIA A+ - 2022 to Present

ChatGPT-API – 2 Months

Python – 4 Years

WORK EXPERIENCE

Total Recall (August 2024-present)

AI Engineering Intern | Fort Worth, Texas

- Developed a custom AI productivity script, improving operational efficiency by enabling company tools to function with 2000-line files by shrinking the file down to 400 lines while keeping functionality.
- Collaborated with senior engineers to identify and execute innovative solutions, such as parsing a docx file and converting it to a useable format for other in-house scripts.

Texas Tech University (November 2023-present)

Resident Hall Support | Lubbock, Texas

- Delivered technical support for 15 different resident halls, while teaching new hires and clients about the troubleshooting method and how to fix the issues we faced.
- Provided comprehensive assistance with software issues, including website navigation, video playback, and network/database connectivity, resolving 80% of all issues seen and directed remaining 20% to proper departments.

QuikTrip (November 2021-present)

Emergency Relief Clerk | Richland Hills, Texas

- Assisted to an average of \$160k in monthly revenue and maintained a 100% cleanliness rating, demonstrating exceptional performance and attention to detail outlined during monthly store meetings.
- Collaborated effectively with diverse store teams to complete all operational and kitchen tasks, contributing to an improvement in overall store productivity and team cohesion.

Projects

YoutubeStudyPlan Generator

- Developed a tool that utilizes Gemini to generate comprehensive syllabi containing 15–20 lessons based on user prompts, with results stored in MongoDB for easy access and management.
- Implemented a web scraper to search for relevant YouTube videos for each lesson topic, selecting the most suitable video and integrating it into the lesson cluster. Additionally, created quizzes from video transcripts to enhance learning outcomes

GPT-4o-mini bot to find resume information and convert to .csv

- Designed an AI-driven bot to extract and organize resume information into a structured CSV file, facilitating easier data processing and analysis.
- Engineered the bot to format extracted information into a Python dictionary ({Type of information: [content]}), improving data accessibility and utility

Pay Calculator for QuikTrip

- Developed a calculator that determines weekly, monthly, and annual pay based on hours worked, position, days missed, and seniority, ensuring accurate compensation calculations.
- Incorporated features to calculate Customer Service Appraisal (CSA) pay, profit, and discretionary bonuses, accounting for varying rates associated with different positions

Clubs

- Google Development Clubs** Member since July 2024
- Association for Computing Machinery** Member since July 2024
- Honors Society** - A group requiring a GPA of 3.5 to be held - Member since 2023