

JASHITH (JAY) VANAM

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EDUCATION

Bachelor of Science in Computer Science

The University of Texas at Dallas, Richardson, Texas

Academic Excellence Scholarship

May 2026

GPA: 3.71 / 4.0

TECHNICAL SKILLS AND ADDITIONAL INFORMATION

Programming Languages: Python, Java, C++, JavaScript, MIPS, HTML, CSS, SQL

Databases and Frameworks: React, Django, Flask, MongoDB, Spring Boot, Firebase, Flutter

Software Tools: Git, Selenium, Swagger UI, JUnit MS Office, Adobe Creative Cloud, Selenium

Interests: Cars, Cinematography, Fashion, Photography, Sports, Technology, Vintage Vehicles, Shoes, Golf

WORK EXPERIENCE

Epsilon – Software Engineering Intern

May 2024 - Aug 2024

- Collaborated with a cross-functional team of **10** to integrate new features into core audience builder (CAB) platform, ensuring seamless data flow and user experience improvements through requirements analysis and testing
- Developed and enhanced API endpoints for the CORE Audience Builder (CAB) platform using Spring Boot and Swagger UI, improving data retrieval by **10%** and display **accuracy by 5%**, contributing to a user-friendly platform
- Implemented and executed over **120-unit tests** using the JUnit framework, leading to a **20% reduction** in bugs and significantly enhancing code quality and reliability through systematic testing and debugging

Matilda Cloud – Software Development Engineering Intern

Jul 2023 - Dec 2023

- Achieved a **20% increase** in user efficiency by collaborating with an **8-member** team to refine the Matilda Discover platform through targeted interface optimization, enhancing user functionality and operational effectiveness
- Streamlined cloud migration assessment processes by conducting thorough and detailed quality assessments on scripts containing over **5000 lines** of code, improving overall migration accuracy by **10%** and reducing errors by **15%**
- Enhanced backend development by contributing over **1200 lines** of code in Python, integrating **APScheduler**, **SQLAlchemy**, and **RESTful API**, resulting in improved platform functionality and reliability by **10%**

PROJECTS

Fitty – Flutter, Firebase, Dart

Jul 2024 - Present

- Developed a mobile **social media app** for wardrobe management and personalized outfit planning, featuring secure login and registration, **seamless data synchronization** across multiple devices, and a smooth user experience
- Implemented outfit shuffling with locked items and ability to save favorite outfits, to enhance user satisfaction
- Integrated a **social feed** where users can follow others, share outfits, and interact by viewing and liking posts

Entry Wizard – Python, Discord API, Selenium, Pyautogui

Jun 2023 - Present

- Built a Discord bot to automate entry submissions on Underdog Fantasy and PrizePicks, significantly enhancing operational efficiency through precise element interactions and reducing manual input time for the user
- Optimized bot interactions to achieve a rapid submission times(**~30 seconds**), increasing speed by **75%**
- Attained **2000%** monthly returns by automating over **100** daily submissions, greatly reducing manual intervention

reviewGPT – Python, OpenAI API, Google Search API

Jan 2023

- Designed a program that generates a pros and cons list for any products by processing Amazon product links resulting in a **50% reduction** in user decision-making time by providing quick and accessible product assessments
- Extracted **1760+** reviews from diverse sources, including customer feedback, ensuring comprehensive evaluations
- Achieving **95%** review through automated analysis, enhancing user trust and improving decision-making processes

LEADERSHIP

Alpha Kappa Psi – Vice President of Brotherhood, Brotherhood Chair, Public Relations Committee

Feb 2023 - Present

- Managed a **\$16,000** budget, maintaining high brother retention through strategic allocation and event planning
- Increased fraternity visibility by leading the production of a rush video, garnering over **20,000** views within **24 hours**