

JASHITH (JAY) VANAM

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EDUCATION

The University of Texas at Dallas B.S. Computer Science **May 2026**

Relevant Coursework Discrete Math I & II, Computer Science I & II, Physics Mechanics, Calculus I & II, Computer Architecture, Stats and Probability, Linear Algebra

WORK EXPERIENCE

Matilda Cloud - Software Engineering Intern **Jul 2023 – Present**

- Reported to a team of 8 working in an agile environment assisting with the refinement of the Matilda Discover platform
- Conducted quality assessments on scripts encompassing 5000 lines of code to streamline cloud migration assessment
- Committed 500+ lines in Python using APScheduler, SQLAlchemy, and REST API, strengthening backend development

Slick Studios - Sound Engineer **Dec 2022 – Present**

- Collaborated with the director and crew members ranging over 15 people to determine production audio requirements
- Set up and operated audio equipment, including microphones, soundboards, and speakers, to mix sound recordings
- Monitored and adjusted audio levels during filming, ensuring that dialogue and sound effects are clear and consistent

United Indian Café – Barista **Nov 2021 – Jan 2022**

- Served 90 customers per day on average, customized various recipes, and met presentation standards
- Collaborated with team members to ensure smooth operations such as taking orders, preparing beverages, and cleaning
- Provided exceptional customer service by greeting customers and ensuring orders were made to their satisfaction

ACADEMIC AND PERSONAL PROJECTS

Entry Wizard – Python **Jun 2023 - Present**

- Developed Discord bot, with Discord API and Selenium automating entry submissions on Underdog Fantasy and PrizePicks
- Executed precise element targeting and simulated interactions to submit entries in ~30 seconds after receiving
- Reduced manual effort and enhanced user experience by completing 20+ submissions and confirmation a day

GitReviews – CSS, HTML, Python **April 2023**

- Developed Django web application to process user requests and return movie review sentiment analysis
- Used libraries such as BeautifulSoup and TextBlob to scrape from Rotten Tomatoes for sentiment analysis on reviews
- Allowed users to input movie title sending a POST request to backend returning a JSON response displaying the result

reviewGPT – Python **Jan 2023**

- Program with a simple interface that generates pros and cons list of any product by inputting an Amazon product link
- Utilizes Google Search API to scrape and extract product reviews from various sources on the web
- Employs OpenAI's API to provide an automated comprehensive and accurate product review analysis

LEADERSHIP EXPERIENCE AND EXTRACURRICULAR ACTIVITIES

Hygiene For All – Chief Marketing Officer **Feb 2020 – Nov 2022**

- Led creative direction and executed social media outreach campaigns, increased engagement and brand recognition
- Spearheaded 8 successful fundraising events by creating and implementing innovative ideas, resulting in the sale of \$3500 worth of merchandise to purchase 600 hygiene kits for underprivileged communities
- Cultivated strong relationships with donors, sponsors, and volunteers, fostering an engaging and supportive community

KCBY TV – Staff Member, Special Projects Director **Fall 2018 – May 2022**

- Consistently met deadlines by recording and editing segments every 2 weeks, demonstrating time management skills
- Planned and coordinated the logistics of video shoots, including scheduling, location scouting, and equipment set-up
- Lowered distribution costs by 70% by adding and embedding digital downloads to the current website

ADDITIONAL INFORMATION

Technical Skills: Adobe Photoshop, Adobe Premiere Pro, Canva, C++, MS Excel, MS PowerPoint, MS Word, Python

Certifications: Adobe Photoshop, Adobe Premiere Pro, OSHA Certified

Awards and Honors: DECA District Winner, State Finalist (2021), Destination Imagination Global Placement (2021)

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