

JASHITH (JAY) VANAM

jashithvanam@gmail.com · (214) 972-9073 · linkedIn.com/in/jay-vanam · github.com/jxv210016

EDUCATION

The University of Texas at Dallas, Richardson, Texas

GPA: 3.73 / 4.0

Bachelor of Science in Computer Science

May 2025

Academic Excellence Scholarship

TECHNICAL SKILLS AND ADDITIONAL INFORMATION

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

Databases and Frameworks: React.JS, Django, Flask

Software Tools: Git, Selenium, MS Office (Excel, PowerPoint, Word), Adobe (Photoshop, Premiere Pro)

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

WORK EXPERIENCE

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, focusing on enhancing user functionality and operational effectiveness through interface optimization
- Streamlined cloud migration assessment by conducting quality assessments on scripts encompassing **5000 lines** of code, significantly improving the accuracy of cloud migration processes and reducing migration errors
- Strengthened backend development and contributed to robust application by committing over **1200 lines** in Python using **APScheduler**, **SQLAlchemy** and **REST API** enhancing, platform functionality and reliability

Slick Studios – *Sound Engineer*

Dec 2022 – Nov 2023

- Collaborated with the director and a crew of over **15** members to align audio production with the director's vision, contributing to a **30% increase** in editing efficiency and a cohesive sound for the final production
- Elevated sound recording quality by strategically optimizing the use of diverse audio equipment, including microphones, soundboards, and speakers, resulting in superior sound quality and balance
- Maintained consistent and clear audio by monitoring and adjusting audio levels, effectively capturing dialogue and sound, which led to **25% reduction** in post-production sound correction needs, maintaining production quality

PROJECTS

Entry Wizard – *Python*

Jun 2023 - Present

- Created Discord bot, using **Discord API** and **Selenium** to automate entry submissions on Underdog Fantasy
- Achieved rapid submission times (**~30 seconds**) through precise element interactions, enhancing operational speed
- Gained 2000% returns monthly through automating over **100** daily submissions, minimizing manual intervention

HackUTD – *Trendalytics* – *Python, React*

Nov 2023

- Developed a web application using **CSS**, **JavaScript**, and **Python**, to interpret public sentiment towards companies from media sources and alternative sources such as news and social medias for earnings prediction insights
- Composed intuitive, user-friendly frontend using **React** complemented by a **Flask** backend to handle API functions
- Displayed effective teamwork working in a group of **4** to design and successfully deploy application within **24 hours**

reviewGPT – *Python*

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
- Implemented **Google Search API** effectively extracting over **1760** product reviews from various web sources
- Integrated **OpenAI API** automating precise product review analysis, achieving a **95% accuracy** in product evaluations

LEADERSHIP

Alpha Kappa Psi – *Public Relations Committee, Editing Chair*

Feb 2023 - Present

- Enhanced visibility of fraternity by leading the creation of a rush video, achieving over **6,000** views in under **24 hours**
- Amplified rush attendance by **30%** through dynamic promotion strategies, contributing to a greater engagement
- Collaborated with a team of **5** to design and present a comprehensive business plan to audience of over **60 people**