Yosef D. Stifanos

[yosefstifanos30@gmail.com](mailto:yosefstifanos30@gmail.com) | 217-281-1985 | <https://www.linkedin.com/in/yosefstifanos/>

**EDUCATION**

**University of Illinois at Urbana-Champaign Urbana, Illinois**

*B.S. in Information/Data Science Aug 2022 - Expected May 2026*

* **Concentrations:** Data Science and Data Analytics
* **GPA:** 3.82/4.00, *Dean’s List*
* **Related Coursework:** Object-Oriented Programming, Statistics & Applications, Data Science DISCOVERY, Machine Learning

**EXPERIENCE**

**Vivacity Tech PBC Remote, St. Paul, Minnesota**

*Software QA Engineer Intern Jan 2024 – June 2024*

* Contributed to a 15% increase in website user engagement and conversion rates by optimizing test planning and execution through the use of advanced test automation tools and frameworks
* Enhanced efficiency in testing processes by 20% through the implementation of automation tools, leading to faster and more reliable QA outcomes
* Ensured alignment between QA processes and development objectives, improving workflow integration by 10% and fostering a cohesive collaboration across cross-functional teams
* Identified and resolved critical issues in website functionality, significantly enhancing user experience and driving overall business growth

**University of Illinois Technology Services Urbana, Illinois**

*IT Operation Assistant Sep 2022 – Current*

* Led and managed a team of 35-40 student site consultants, implementing a robust documentation system that improved accountability by 25% and overall productivity by 15%, while maintaining a 98% policy adherence rate
* Provided expert IT support to 500+ faculty, staff, and students monthly, resolving 95% of issues within 24 hours and reducing system downtime by 40% through proactive troubleshooting and performance optimization
* Developed and maintained a comprehensive Excel-based knowledge base and analytics system, reducing new hire training time by 30% and improving team efficiency by 25%, while facilitating data-driven decision-making for promotions and resource allocation
* Spearheaded IT infrastructure improvements, including software updates and security protocols, resulting in a 50% reduction in software-related issues and a 60% decrease in security incidents across 200+ instructional computers and servers

**PROJECTS**

**Premier League Team Goals Analysis Urbana, Illinois**

*Owner Mar 2024 – Mar 2024*

* Conducted an in-depth analysis of Premier League teams' performance, focusing on goal-scoring metrics throughout the 2013/2014 season
* Aggregated comprehensive match data, including home and away goals, using Python and Pandas for robust data handling and manipulation
* Computed total goals scored by each team, incorporating both home and away matches, to provide a holistic view of team performance
* Identified and highlighted top-performing teams based on total goals scored, as well as teams with the lowest goal totals, utilizing advanced data analysis techniques
* Developed and designed bar charts to visually represent the number of goals scored by the top and least performing teams, leveraging Matplotlib for effective data visualization
* **Technologies Used**: Python, Pandas, Matplotlib

**ACTIVITIES AND LEADERSHIP**

**NSBE (National Society of Black Engineers) Urbana, Illinois**

*Member Jan 2023 – Current*

* Led a community outreach initiative as part of NSBE, coordinating STEM workshops for local schools and increasing chapter involvement by 30%
* Expanded professional network by actively participating in NSBE networking events, leading to mentorship opportunities and internships

**SKILLS**

**Languages:** Python, Java, JavaScript, HTML, CSS

**Software:** Microsoft Office 365 (Excel, Word, PowerPoint), Google Suite, 3D SolidWorks, Jira, Jupyter Notebooks, Git, Pandas, Matplotlib