Tanav Palisetti

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EDUCATION   Expected Graduation: May 2026

University of Illinois Urbana-Champaign

B.S., Statistics   Champaign, IL

- **GPA:** 3.9/4.0
- **Minors:** Data Science, Computer Science
- **Relevant Courses:**
    - **CS Foundations:** Data Structures, Discrete Structures, Introduction to CS II
    - **Mathematical Foundations:** Linear Algebra with Computational Applications, Statistics and Probability II
    - **Applied Statistics & ML:** Statistical Modeling in R, Time Series ML, Machine Learning in Data Science

SKILLS

- **Technical Skills:** Python, Supabase, SQL, Docker, Vercel, Google Cloud, Google Analytics, Flutter, Git, REST API, JavaScript, Typescript, C++, Jupyter, HTML, CSS, Microsoft Excel, R
- **Libraries:** Tailwind CSS, numpy, pandas, scikit-learn, Matplotlib, PyTorch, React, Streamlit, OpenAI API, NLTK
- **Other:** Professional Communication, Collaboration, Presentation Skills, Decision-Making, Technical Leadership

WORK EXPERIENCE

Minara (Gies Disruption Lab)   February 2025 - May 2025

Technical Lead   Champaign, IL

- Led a team of **eight software engineers** to build a **full-stack web application** using **React**, **Next.js**, and **Supabase**, enabling UIUC students to create calendars, student organizations, and events.
- Implemented **dynamic, responsive UI components** and event customization features with **Tailwind CSS**, improving user experience and website clarity by **40%**.
- Refactored **90%** of the **Supabase schema** to support **Google Calendar syncing**, **Google OAuth authentication**, searchable tags, and **CRUD operations** for events and calendars.
- Collaborated weekly with the founder to define goals, maintained **agile workflows**, and **documented KPIs** and other performance metrics.
- **Deployed** the application via **Vercel**, setting up real-time monitoring that facilitated the detection and resolution of **70+ bugs**, improving system stability and user experience.
- Consolidated all documentation—bugs, progress, and future features—into a centralized resource to onboard and guide future developers.

ObjectWin Technology Inc.   June 2024 - Aug 2024

Data Analyst Intern   Houston, TX

- Collaborated cross-functionally with a **three person team** to create and deliver a comprehensive website renovation proposal; led weekly meetings to ensure team alignment, thus **increasing productivity** by **56%**.
- Communicated pain points drawn from **22 years** worth of **Google Analytics** data to the business team and provided suggestions for improvement.
- Coordinated with the business team to create a **SWOT analysis** of competitors and the current website, **improving progress efficiency** by **68%**.
- Collaborated alongside a **10 person team** to conduct a **cost cutting analysis** on modernizing a legacy website, resulting in a **$5,000 reduction** to production costs.

Data Science Research Services (Gies Disruption Lab)   February 2024 - May 2024

Software Engineer   Champaign, IL

- Engaged in weekly client calls and communicated interdepartmentally with a **group of eight individuals** during weekly development nights and standup meetings in order to clarify weekly work streams and ensure progress was ongoing.
- Implemented **semantic similarity** using **cosine similarity** in order to calculate a near-instantaneous similarity score, and leveraged **OpenAI's GPT-4 API** in order to develop a **chatbot** focused on an applicant's qualifications and their resume, **improving the accuracy of candidate selection** by **60%**.
- Engineered a **dynamic template email system** utilizing **Twilio's sendgrid API**, resulting in a **100% automated email system** that sends out acceptance and rejection emails which the client can customize.
- Developed a comprehensive **Streamlit dashboard** integrating visualizations of the data, **improving data analysis efficiency** by **40%**.