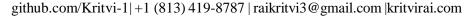
Kritvi Rai





EDUCATION

Bachelor of Science in Computer Science
University of South Florida
Ludy Consheft Honors College

Judy Genshaft Honors College GPA: 3.61/4.0

SKILLS

- Programming/Skills: Python, C, C++, SQL, Arduino, HTML, CSS, JavaScript, Power BI, Tableau, React JS, Docker
- Certifications: LinkedIn Power BI Essential Training, Google Generative AI, Google Agile Project Management, Forage: Goldman Sachs Operations Virtual Experience, AWS Cloud Practitioner (in progress)
- Relevant Coursework: Data Structures, Hadoop, Computer Architecture, UI/UX Design, Algorithms, Software Eng EXPERIENCE

Director | University of South Florida Student Government Computer Services

September 2023 – Present

Graduation Date: May 2026

- Oversaw a \$170K+ budget and streamlined internal workflows, boosting operational efficiency by 20% through automation.
- ullet Collaborated with 10+ departments and IT teams to resolve issues, reduce downtime, and improve client service delivery.
- Supervised and trained 15+ staff, tracking performance and ensuring compliance with support protocols and procedures.

Supervised Research | USF, AI- Powered Grading Platform

August 2025 – Present

- Developing an AI-powered grading system with multi-agent LLMs for algorithm analysis and theory-based CS coursework.
- Implementing Canvas LMS API integration for submission retrieval, grade pass back, and instructor review workflows.
- Evaluating AI vs. human grading on accuracy, speed, and bias to enhance effective human-AI collaboration.

Undergraduate Research Assistant | USF, AI- Course Companion

May 2025 - July 2025

- Developed backend pipeline with Python and Docker for DOCX/PPTX to PDF conversion, improving compliance by 50%.
- Designed HTML/CSS frontend with a natural language AI assistant, enabling inclusive access to 100+ Canvas course files.
- Enhanced **student support efficiency** by reducing manual requests and integrating AI-driven accessibility features.

PROJECTS

InCollege — Student Networking App| COBOL, Agile/Scrum, Jira

August 2025 - Present

- Defined the **product requirements** document and **broke** features into **user stories** with acceptance criteria and prioritization.
- Rotated roles weekly (scrum master, developer, tester); ran daily standups and weekly demos in Jira with retrospectives.
- Shipped Profiles and Messaging to the team **definition of done**, improved sprint reliability with automated builds and tests.

Stock Market Explore | Python, Streamlit, Pandas, Plotly

February 2025 – March 2025

- Created an **interactive dashboard** to effectively visualize trading strategies, benchmarked against the **S&P 500** index.
- Designed advanced filters and KPI views for 100+ users to better evaluate risk awareness and informed decision-making.
- Leveraged data visualization techniques to simplify complex financial concepts, significantly improving overall user insights

BullsXchange | React, Firebase, CSS

September 2024 - October 2024

- Built a peer-to-peer clothing exchange app, focusing on user journey flows with OTP login and verified postings.
- Added smart filters, wishlists, and contact logic to improve matching speed and overall client service experience.
- Reduced spam by 40% using post-verification logic and flagging tools, increasing system trust and reliability.

LEADERSHIP

Ambassador | Google Women Techmaker Ambassador

August 2023 – Present

- Mentored 10+ students monthly and organized workshops promoting inclusion, representation, and skill development.
- Led speaker events featuring global tech leaders to increase awareness and exposure for underrepresented students.
- Improved event satisfaction by 70% through surveys, feedback sessions, and tailored post-event resource delivery.

Vice Chair | Engineering Council, USF

May 2024 - May 2025

- Led Innovation Fest and 5+ large-scale events with 50+ STEM orgs, managing logistics, partnerships, and execution.
- Improved cost tracking and spending decisions, helping allocate over \$100K in funds with greater financial efficiency.
- Represented USF Engineering Council at NAESC conferences, strengthening collaboration and inclusive initiatives.

Finance Officer | Google Developer Student Club, USF

May 2023 - April 2025

- Managed \$11K+ club budget and cut costs by 70% through vendor reviews, proactive tracking, and spending analysis.
- Oversaw finances and logistics for DevFest 2024, executing planning for 500+ attendees and 10+ corporate sponsors.
- Filed compliance reports and maintained audit accuracy to ensure **fiscal transparency** and funding eligibility.