




CHRISTINA JOSLIN

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PROFESSIONAL SUMMARY

As a **Stamps Scholar** recipient and undergraduate data science researcher for the **past 3 years**, I am passionate about pursuing a **PhD in data science or a related field**. My interests lie in **applying machine learning** to solve interdisciplinary problems, with experience spanning manufacturing, sustainable transportation, and high-performance computing.

EDUCATION

Purdue University - West Lafayette, IN

Graduation Date: May 2026

Bachelor of Science in Data Science and Applied Statistics | **GPA:** 3.99

Honors: Stamps Scholars, ACM, Phi Kappa Phi, John Martinson Honors College

PROGRAMMING SKILLS

Languages: Python, R, Java, SAS, SQL | **Tools:** Git, Docker, Rancher, Kubernetes

Libraries (Python): PyTorch, TensorFlow, HuggingFace, Scikit-Learn, Pandas, NumPy, LangChain, Streamlit

Platforms: VS Code, Jupyter, Google Colab, RStudio | **Other:** LaTeX, Bash (Unix Shell)

Certifications: SAS Base Programmer (SAS, 2025), Deep Learning & Machine Learning Specializations (Coursera, 2024)

RESEARCH EXPERIENCE

Anvil REU Student Intern & Peer Mentor – Rosen Center For Advanced Computing

May 2025 - Present

- Developing AI-driven FAQs from 6,000+ HPC tickets using LLM fine-tuning, semantic clustering, and prompt engineering
- Supporting GenAI Studio and Anvil GPT with UI and LLM deployment.

Undergraduate Research Assistant – Sustainable Transportation Systems

January 2024 - May 2025

- Analyzed survey data from 2,000 Indiana residents on EV perceptions using ordinal regression, PCA, and latent class analysis in R to highlight EV adoption trends and charging infrastructure gaps.

Teaching Assistant – CAT Digital Corporate-Sponsored Projects

January 2024 - December 2024

- Mentored 10–20 students on Scrum-based projects; led CAT EV charging app (**patent 63/637,725**) and sensor analytics dashboard with an integrated chatbot.

Undergraduate Teaching Assistant – CS 180

August 2023 - December 2023

- Assisted in teaching CS 180 (Intro to Object-Oriented Programming in Java) for first-year DS, CS, and AI students. Led 2 labs weekly, supported students with debugging and held office hours

PUBLICATIONS

Krause, B., Joslin, C., & Gkriza, N. (2025). *Used or New? Investigating Consumer Preferences in the EV Market*. Presented at TRB Annual Meeting, Washington, D.C.

Joslin, C., Brideweser, T., Gujral, D., Goel, P., Wu, A. (2023). *Societal Equity in Protecting PII*. Unpublished manuscript, Dept. of Philosophy, Purdue University.
