

# CHRISTINA JOSLIN

 [christina-joslin](#) |  [christinajoslin](#) | [cjoslin@purdue.edu](mailto:cjoslin@purdue.edu) | [www.christinajoslin.com](http://www.christinajoslin.com) |  [0009-0001-1950-9304](#)

## PROFESSIONAL SUMMARY

---

As a **Stamps Scholar** recipient and undergraduate data science researcher for the **past 3 years**, I am passionate about pursuing an **MS or PhD in data science or a related field**. My interests include **applying large language models (LLMs)** to accelerate scientific discovery, **developing explainable AI tools** for researchers, and enhancing LLM capabilities for **scientific reasoning and causal inference**.

## 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

**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

- Developed AI-driven FAQs from 6,000+ HPC tickets using LLM fine-tuning, semantic clustering, and prompt engineering
- Supporting GenAI Studio and Anvil GPT with Generative AI use-cases for CS education.
- Serving as student lead for Industrial Engineering Senior Design Capstone partnering with RCAC to develop an intelligent forecasting layer for customer support ticketing.

**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

---

Joslin, C., Burns, D., Ashish, A., & Barezi, E. J. (2025, November). Generating Frequently Asked Questions from Technical Support Tickets using Large Language Models. HUST SC Workshops' 25, November 16–21, 2025, St Louis, MO, USA. <https://par.nsf.gov/biblio/10639608>

Krause, B., Joslin, C., & Gkriza, N. (in press). Used or New Electric Vehicles? Public Preferences and Market Segments. *International Journal of Sustainable Transportation*.