Jordan Reynolds

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Education

Purdue University | John Martinson Honors College — West Lafayette, IN
Bachelor of Science in Data Science and Bachelor of Science in Applied Statistics — Expected May 2026
Minors: Bioinformatics, Spanish — GPA: 3.98

- **Honors/Awards:** Purdue University Presidential Scholarship, Data Science Ethics Award, 2nd Place Poster at the 2024 Purdue University Spring Undergraduate Research Conference, Virgil L. Anderson Scholarship Award

Work Experience

Eli Lilly and Company | Tech@Lilly Intern — Indianapolis, IN | May 2025 – August 2025

- Engineered backend infrastructure for a multimodal chatbot platform designed to help patients complete health-related surveys in a dynamic, personalized, and accessible way.
- Designed AI architecture using internal tools for accessing and configuring LLMs, applying prompt engineering and model evaluation techniques while exploring frameworks such as multi agent systems and RAG pipelines.
- Strengthened professional skills through extensive networking, formal and informal presentations, and collaborative problem solving in a peer-led team of interns.

34 Lives | Data Science Summer Intern — West Lafayette, IN | May 2024 – August 2024

- Organized data from previous research and clinical cases to facilitate integration with national databases.
- Developed a predictive model to evaluate kidney performance on normothermic machine perfusion using donor profile traits.
- Collaborated with a team of kidney preservationists to integrate predictive modeling into the allocation process, providing an additional metric for evaluating offers from Organ Procurement Organizations (OPO).

Research Experience and Projects

Lilly Purdue Research Collaboration (LPRC) | Undergraduate Researcher
August 2024 - Present

- Fine-tunes model parameters for a compartmental model of the human body to enhance the delivery systems of monoclonal antibodies by modeling post-injection flow, absorption and distribution.
- Obtains relevant bioavailability data and prior distributions for model parameters through literature review.
- Shares research experiences and career insights with younger undergraduates at HEAL events to support their interest in pharmaceutical development.
- Explores areas where AI tools can enhance the development and calibration of pharmacokinetic models.

Purdue University Department of Biological Sciences | Undergraduate Research Fellow
August 2023 – May 2024

- Utilized a statistical model in R to analyze color vision across avian species in hopes of identifying the significance of the signal-to-noise ratio in cone-opponent circuits.
- Curated a poster presentation for the Purdue University Spring Undergraduate Research Conference, receiving the 2nd Place Poster Presentation for the John Martinson Honors College.

Ethics of Data Science Project | Online Database of Student Notes Curation
August 2023 - Present

- Developed a prototype website where students can read, post, and discuss Purdue University lecture notes.
- In the process of obtaining Purdue University Student Organization status.

Skills and Extracurricular Activities

Skills: Experience with Python, Java, R and MATLAB programming languages, professionally proficient in Spanish
Extracurriculars: HEAL (Health Ambassadors with the LPRC), Charles B. Murphy Award Selection Committee, Undergraduate Research Society of Purdue, Purdue University Ski Club (PUSC), Paint Crew