Brianna L. Rawlings
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Education

Taylor University, Upland Indiana
Bachelor of Science in Computer Science Digital Media/Systems
Minor: Data Science
Athlete/Captain, *TU Women's Soccer Team*, Captain & Goalkeeper (Scholarship) Expected Graduation: May 2026

College of Southern Nevada, Las Vegas, Nevada
Associates of Arts Degree (Dual Enrollment) Cumulative GPA: 3.58 Graduated: May 2022

Technical Skills

Languages: Python, R, Java, JavaScript, C/C++, CSS, HTML, Bash
Frameworks & Libraries: Django, Ruby on Rails, Streamlit, Jupyter Notebooks
Data Science Libraries: pandas, NumPy, seaborn, matplotlib
Tools & Platforms: Git/GitHub, Linux/Unix, Illustrator, Photoshop
AI & Automation: Large Language Models (OpenAI GPT-4, Microsoft Copilot, Claude, Google Gemini)

Experience

Secure AI & Automation Intern – Ardalyst May - Aug 2025

- Prototyping an MVP to automate compliant federal proposal analysis and response generation using LLMs (OpenAI GPT-4, Claude, Google Vertex, etc.) and low-code tools like n8n.
- Benchmarking multiple LLMs for text comprehension, pricing, and security, with a focus on prompt engineering and secure data pipelines.
- Designing and implementing decision logic for model selection, testing on-premise vs. hosted AI solutions, and developing a risk mitigation strategy to protect sensitive company data.
- Deliverables include a working MVP, a security assessment, and a final presentation with recommendations for enterprise deployment.

Projects

WHOOP Wearable Data Dashboard July 2025

- Built an interactive Streamlit dashboard using personal WHOOP data to explore how sleep, strain, and HRV impact athletic recovery and performance.
- Developed time series visualizations, a simple ML model for sleep forecasting, and HRV regression diagnostics with clear documentation and reproducibility.
- Focused on real athlete insights using Python, Streamlit, and Jupyter.

Taylor University Registrar Solution Project – Web App August 2024 – May 2025

- Partnered with a team to design and develop a Django-based web app for Taylor University's Registrar, reducing the manual hours needed to match professors' class schedules with available classrooms.
- Collaborated with the front-end team to create responsive HTML/CSS pages using Django framework and ensured seamless connections with the backend and SQL database.
- Worked closely with backend and database teams to implement dynamic features, test integrations, and deliver a functional solution tailored to real administrative workflows.