

Haris Hasan

📞 765-464-4778 | ✉️ harishasan001@gmail.com | [🌐 LinkedIn](#) | [🐙 GitHub](#) | [🌐 www.harishasan.xyz](http://www.harishasan.xyz)

EDUCATION

Purdue University, West Lafayette, IN Aug 2020 – Dec 2023
BS Data Science, BS Applied Statistics, Psychology minor — Dean's List, OUR Scholar Award GPA: 3.64 / 4.0
Relevant Coursework: *Data Structures, Algorithms, Time Series Analysis, Data Mining, Machine Learning, Regression Analysis, Databases, Statistical Theory, Probability, Linear Algebra*

EXPERIENCE

Product Analytics Intern May – Aug 2023
Ancestry.com Lehi, UT

- Initiated a hackathon project as the only team of interns; transformed personal diaries into dynamic conversational personas:
 - * Applied sophisticated NLP techniques including embeddings via sentence transformers (SBERT), FAISS-based similarity search models, and optimized prompt engineering with a GPT implementation
 - * Expanded project scope to include multi-modal features (text, images, video) to allow users to interact with true digital avatars
 - * Recognized at an organizational level, culminating in a presentation to Ancestry's C-suite, underscoring its viability for production implementation and as a potential revenue source
- Implemented strategic initiatives informed by own data insights, which resulted in a 3% uplift in bill-through rates
- Executed detailed data analysis by querying Amazon Redshift with SQL and processing results using Python, revealing pivotal user engagement metrics
- Enhanced stakeholder understanding by designing intuitive and interactive data visualizations using Tableau, Plotly, and Matplotlib, which informed key product decisions

Data Science Intern and Instructor Dec 2022 – Jan 2023
AI Camp Remote, Palo Alto, CA

- Taught students a crash course on Exploratory Data Analysis in Python and produced a data web app via Streamlit; top instructor feedback rating of 9.3/10
- Developed and published a crash course on text generation models for 1000+ students to learn from
- Implemented TensorFlow, GPT-2, HuggingFace API, and Google text-to-speech methods to generate highly relevant text and audio based on user input of merely 3 words through a Gradio web interface

Data Science Student Consultant May – Oct 2022
Purdue University, Krenicki Center for Business Analytics and Machine Learning West Lafayette, IN

- Built Tableau dashboards to visualize core business KPIs, saving 10 hours per week of manual reporting work
- Incorporated clear and concise language to convey complex data findings to senior leadership, leading to a 20% reduction in recurring group meeting times

Research Intern Jun 2021 – May 2022
Purdue University, Cognitive Psychology Lab under Dr. Yu-Chin Chiu West Lafayette, IN

- Managed the data lifecycle and 30+ participant trials to create, process, and analyze unstructured brain data
- Engineered 10+ csv files with 2,000,000+ raw signal data points from live EEG experiments to create a single, efficient data frame in Python using Pandas and Numpy
- Led analysis tasks and lab set up to accelerate research timeline by 2 weeks

Business Analytics Extern Mar – May 2022
Hewlett-Packard Tech Ventures Remote, Palo Alto, CA

- Queried and analyzed data using SQL and Python to prioritize 5 remote-work startups for potential acquisition
- Awarded the highest grade standard in the final presentation for demonstrating the potential to launch the company into a new vertical growing 23% year-on-year

TECHNICAL SKILLS

Languages: Python, Java, R, SQL

Frameworks & Libraries: Scikit-Learn, Pandas, NumPy, Matplotlib, Keras, PyTorch

Other: MS Azure, Amazon Web Services, Tableau, Git, Anaconda, Jupyter