

Dhruv P. Kaul

Dhruv P. Kaul is a proactive and detail-oriented undergraduate student pursuing a Bachelor of Science in Statistics with a minor in Computer Science at the University of Illinois Urbana-Champaign. His academic journey, expected to culminate in May 2025, reflects a solid foundation in data science and statistical analysis.

Education

Dhruv is currently enrolled at the University of Illinois Urbana-Champaign. His coursework spans essential subjects such as Data Science Exploration, Statistical Analysis, and Linear Algebra with Computational Applications.

Work Experience

As an AI Research Intern at Illinois ATLAS since May 2024, Dhruv contributes to developing a sophisticated web application utilizing LLMs and RAG to enhance students' understanding of academic papers. Previously, as a Data Systems Intern, he leveraged his analytical skills to interpret donor data effectively, producing actionable insights through comprehensive reports and visualizations.

Projects

Dhruv's project portfolio showcases his proficiency in AI and data analytics. Notable projects include developing a Cancer Detection AI with TensorFlow, achieving an accuracy rate of 95.61%, and implementing logistic regression models to predict academic performance with a high accuracy and sensitivity rate.

Skills

Dhruv possesses a robust skill set encompassing programming languages such as Python, R, SQL, and Java, along with proficiency in TensorFlow, pandas, numpy, and other data science libraries. He is adept at using tools like PyCharm, Jupyter Notebook, and RStudio for data analysis and visualization.

Dhruv P. Kaul's academic rigor, combined with his practical experience in AI research and data analytics, positions him as a promising candidate with the skills and drive to make significant contributions in the field of data science and beyond.