

Contact

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Top Skills

Data Quality

Business

Strategic Thinking

Certifications

Inferential and Predictive Statistics for Business

Project Management Foundations

Exploring and Producing Data for Business Decision Making

Basic Proficiency in KNIME Analytics Platform

Publications

Design and Implementation of Approximate Divider For Error-Resilient Image Processing Applications

Panshul Saraswat

MS in Business Analytics at University Of Illinois Urbana-Champaign
Champaign, Illinois, United States

Summary

Analytical and detail-oriented data analyst with a Master's in Business Analytics from the University of Illinois Urbana-Champaign and comprehensive experience in data analysis, project management, and technical troubleshooting. Seeking a challenging role to leverage my skills in extracting actionable insights from complex datasets and driving strategic decision-making to support business growth. Passionate about continuous learning and applying innovative solutions to enhance data-driven processes.

Experience

Discovery Partners Institute

Project Manager

January 2024 - May 2024 (5 months)

Champaign, Illinois, United States

- Led a 9-member team to develop an AI and LLM-powered tool for project and grant tracking at DPI, leveraging AI algorithms and Python web scraping to increase grant relevancy and effectiveness by 30%.
- Designed and deployed a comprehensive data extraction and summarization system using Azure Chat OpenAI, advanced NLP models, and PDF extraction, enhancing data retrieval accuracy by 40% and halving processing time.

Horizon Hobby

MS Business Analytics- Business Practicum

September 2023 - May 2024 (9 months)

Champaign, Illinois, United States

Participating in a collaborative project between Gies College of Business and Horizon Hobby, as part of our Business Practicum curriculum.

- Conducted an in-depth analysis of customer data using segmentation techniques to enhance targeting strategies and identify market segments, resulting in a 30% improvement in targeting efficacy.
- Developed and implemented tailored marketing strategies for identified segments, including textual analysis of product descriptions, which refined customer personas and significantly boosted business growth.

Gies College of Business - University of Illinois Urbana-Champaign
MSBA Student Leadership Council-Gies College of Business
August 2023 - May 2024 (10 months)
Champaign, Illinois, United States

Capgemini Engineering

1 year 9 months

Software Engineer

July 2021 - November 2022 (1 year 5 months)

- Developed a new feature for the devlink project, boosting productivity for Intel's internal teams. Leveraged Tableau and Excel to track productivity metrics and conduct impact analysis.
- Debugged and resolved UICC driver and NVM issues using Lauterbach/JTAG debugger, reducing system errors by 30% and conducting statistical analysis to measure error reduction.
- Collaborated with cross-functional teams to resolve technical issues in memory shared systems, SIM driver, and I2C, achieving a 95% resolution rate and utilizing root cause analysis to prevent future issues.

Intern

March 2021 - July 2021 (5 months)

Bengaluru, Karnataka, India

Acquired foundational knowledge in Linux Kernel and VLSI systems and contributed to problem-solving initiatives for clients by leveraging Linux Kernel and VLSI knowledge.

Collaborated with senior engineers at Capgemini to develop a deeper understanding of VLSI systems and Device drivers. Completed a hands-on training on device drivers.

Beeclust Multi-Robot Systems Lab

Mechanical Lead

August 2018 - July 2020 (2 years)

Chennai, Tamil Nadu, India

Beeclust-MRSL is a student-run research team at SRMIST which deals in making multi-robot systems; whereas as a mechanical lead I developed a robot design that found useful to solve warehouse-based problems.

Managed a team of 3 individuals and coordinated with the team members of other domains at Beeclust-MRSL to successfully design and develop a robot prototype, resulting in increased efficiency in warehouse operations.

RVPN (Rajasthan Rajya Vidyut Prasaran Nigam Limited)

Intern

June 2019 - June 2019 (1 month)

Jaipur, Rajasthan, India

Collaborated on SLDC operations, utilizing real-time data from multiple sub-load stations to ensure effective, efficient and transparent power system control and safeguard electrical grid stability.

Successfully completed a comprehensive training program on SCADA systems, gaining in-depth knowledge and practical experience in system monitoring and control.

Bharat Electronics Limited

Intern

December 2018 - December 2018 (1 month)

Panchkula, Haryana, India

Researched and analyzed SMD technology and electronic systems utilized in the defence sector during the internship at Bharat Electronics Limited, gaining valuable knowledge and understanding of cutting-edge technologies.

Engaged with engineers on the assembly line to understand its management and operational mechanics.

Education

Gies College of Business - University of Illinois Urbana-Champaign
MS in Business Analytics · (August 2023 - June 2024)

SRM University

Bachelor of Technology - BTech, Electrical, Electronics and Communications Engineering · (2017 - 2021)

Sri Chaitanya Junior Kalashala

· (2015 - 2017)

Kendriya Vidyalaya

· (2010 - 2015)