James Baptist

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PROFILE

Eager and forward-thinking Data Science graduate, ready to make a significant impact in driving technological innovation and shaping the future landscape. With a strong foundation in data science principles and methodologies, I am fully equipped to tackle evolving challenges and opportunities within digital and technology-driven environments. Now holding full work rights in Australia through the Temporary Graduate (Post-Study Work) Visa, I am prepared to contribute to cutting-edge projects while maintaining a commitment to ethical and sustainable practices for the benefit of organizations and society.

EDUCATION

Western Sydney University, *Master of Data Science* 🔗

July 2022 – July 2024 | Sydney, Australia

- 4.87 GPA

- Machine Learning (Distinction), Analytics, Hypothesis Testing, Probabilistic Models, Public Health

St Joseph's University, *BSc (PCM)* 🔗

June 2018 – July 2021 | Bengaluru, India

- Major in Physics, Chemistry and Mathematics.
- 72% (First-class division)
- Analytical and Scientific problem-solving skills, Integration, Differentiation.
- Practical knowledge of Scientific Experiments.

VISA STATUS

Visa Status: Temporary Graduate (Post-Higher Education Work) Visa - Full Work Rights in Australia

SKILL SUMMARY

Python, R Studio, SQL, Tableau, Power BI, Linux, HPC

PROJECTS

Exploring Vision Transformers and their effectiveness on astronomical images • Classification of Galaxy images using Convolutional Neural Network (CNN) Model.
- Predicting the shapes, size, and various other features of the Galaxy.
- Evaluate and compare the effectiveness of these models on different astronomy data sets.
- Working on High Performance Computers for running various models and algorithms.

Twitter Network Analysis of Greta Thunberg – Statistical Modelling(Climate Activist)
- Finding the significant relation between Greta's tweets and corporate climate changes.
- Analysis of her social network.
- Identifying the positive and negative sentiments through her tweets.
- Transforming unstructured data into actionable insights aligned with user expectations.

Simulation of an Omniwheel Robot (Advanced Machine Learning and AI)
- Making the robot move to a static and dynamic target.
- Policy gradient methods.
- Predicting steps to target using Neural Networks.

PROFESSIONAL EXPERIENCE

Woolworths Group, *Customer Service Representative* ⊘   May 2023 – present | Sydney, Australia
- Ensuring smooth flow of front-end operations.
- Excellent verbal and written communication with customers, colleagues, and managers.
- Multitask effectively with attention to detail and quality.
- Proficient in using computer systems and point-of-sale software.
- Handle difficult situations and conflicts calmly and diplomatically for customer satisfaction.
- Professional Barista responsible for coffee-making duties.

Music Teacher, *Trinty College, London* ⊘   Jan 2013 – July 2021 | Bengaluru, India
- Distinction holder in Electronic Keyboard (Grade-1) and Classical Piano (Grade-2) music exams.
- Mastery in playing and teaching various musical instruments such as Piano, Keyboard and Guitar.
- In-depth knowledge of music theory concepts and the ability to teach them effectively, including notation, scales, chords, and harmony.
- Well trained professional Singer (Tenor).
- Expertise in providing vocal training, including techniques for breath control, pitch accuracy, and vocal health.

PROFESSIONAL CERTIFICATONS

Graduate Recruitment Accelerator (GRA) program-Western Sydney University
- Corporate World skills development
- Hands on experience with group discussions and mock interviews at *KPMG-Parramatta*

Cyber Security and Forensic Science
- Forensic imaging and Data Recovery, Network Fundamentals
- Decryption, Encryption, and Ethical Hacking.

REFERENCES

Sagun Shreshta, *Peer*, WSU

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