

Pavan Singh

Data Scientist

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My projects and website: pavansingh.co.za

Python and R | Deep Learning | SQL | Natural Language Processing

PROFILE

Highly enthusiastic and self-driven individual with years of experience in predictive modelling and analytics within a statistical context. Bachelor of Business Science Analytics graduate, currently completing a Masters (MSc) in Advanced Analytics at the University of Cape Town. A collection of both ongoing and completed projects can be found [here](#). My research interests lie with text mining and NLP in general, and its intersection with deep learning.

EDUCATION

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| 2022 – Present | MSc Advanced Analytics University of Cape Town (UCT) <ul style="list-style-type: none">- GPA: 80.7% |
| 2018 – 2021 | BBuSci Analytics University of Cape Town (UCT) <ul style="list-style-type: none">- Average of 73% for Statistical Honours- Final Year GPA: 71.1% |
| 2013 – 2017 | Cambridge AS and A-Levels St Charles College, Pietermaritzburg <ul style="list-style-type: none">- Distinctions at IGCSE, AS and A-Level for Chemistry, Biology, Mathematics and Physics- Academic Honours |

WORK EXPERIENCE

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| 2021 | Databases and Data Analytics Tutor University of Cape Town (UCT) <ul style="list-style-type: none">- Course Code: INF2007 and INF2006 |
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ADDITIONAL EXPERIENCE

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| 2020 – 2021 | Golden Future Project Society Tutor University of Cape Town <ul style="list-style-type: none">- Tutored high-school students from under resourced communities within Cape Town area. |
| 2017 | Head of Outreach Programme St Charles College <ul style="list-style-type: none">- Coordinated events and collection of donations. |

COURSES AND SPECIALISATIONS

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| 2022 | TensorFlow Developer Professional Certificate DeepLearning.AI |
| 2022 | Natural Language Processing Specialisation DeepLearning.AI |
| 2022 | Reinforcement Learning Specialisation University of Alberta |
| 2022 - Present | TensorFlow Developer Professional Certificate The John Hopkins University |
| 2021 | MySQL for Data Analytics 365Careers |
| 2022 – Present | Google Data Analytics Certification Google |

SKILLS

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| Computer Programming | Proficient in 2 Programming Languages <ul style="list-style-type: none">- R- Python <p>These languages were used throughout the degree, with large emphasis on statistical problems and data analytics.</p> |
| Problem Solving | Able to critically analyse a given problem, by examining the components and finding a solution for it. Developed through academia and projects. |
| Communication | Interpersonal skills developed largely through tutoring – the engagement with fellow students and learners of different backgrounds. |
| Team Work | Developed through sports and groupwork. Usually, the leader of the team due to great relationships with colleagues and being vocal about problems and possible solutions. Thoroughly enjoyed working in a group environment and bouncing ideas of another. |
| Analytical Thinking | Developed through programming and tutoring. Statistical projects done, instilled the ability to analyse data to make informed decisions. |

INTERESTS

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|-------------|----------|------------|---------------|
| Team Sports | Training | Technology | Data Projects |
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