

Personal Information

Name: Richard Jackson

Student Number: s3829776

Nationality: United States

Education:

- 2007 - BSc Psychology - Auburn University Montgomery
- 2017 - Certificate III - Ambulance Communications

Hobbies:

- Building plastic models.
- Gaming.

My interest in IT is mostly around computer programming. My major interest in IT began when I attended the computer program at the selective high school I attended. However, the initial spark was when my father let me have his really old Tandy Windows 3.1 powered computer on which I taught myself QBasic. My major IT experience began in high school where I learned C++ and some Java. I also learned about computer hardware and repair along with gaining a CompTIA A+ certification. After high school, I joined a computer science degree, however, I never finished it, and ended up going down a completely different path. Now, my IT experience is primarily casual and mostly fueled by gaming and my current career. My love of gaming inspired me to build my own computer which I still use to this day. My current career, while not specifically IT, has allowed me to keep my analytical and computer skills sharp.

Ideal Job

<https://www.linkedin.com/jobs/view/1624024360/?alternateChannel=search>



Data Scientist - Transformation & Strategy

Ambulance Victoria • Doncaster, AU

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Ambulance Victoria's mission is to improve the health of our community by delivering innovative, high quality ambulance services. The leading edge clinical practice and lifesaving work of Ambulance Victoria's paramedics and volunteers underpins this mission.

About The Role

Ambulance Victoria are in the early stages of a significant, organisation wide effort to uplift our data and analytics capability. We are a team of people with passion and skill and we are looking for a Data Scientist who will help us strive to provide the organisation with innovative and impactful insights from our rich datasets. The role is based in our Doncaster office, and is a permanent full time opportunity.

We have the foundations of a great analytics service, the support of the whole organisation and fascinating subject matter to work with. We help provide a crucial and highly regarded service to the community. This is a rare opportunity to do something that, when done well, will impact many lives for the better.

Seniority Level

Entry level

Industry

Non-profit Organization
Management,
Government Administration,
Hospital & Health Care

Employment Type

Full-time

Job Functions

Engineering, Information Technology

Main Responsibilities Of The Role Include

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- Lead, deliver and automate a range of Data Science led projects leveraging techniques that may include; Unsupervised & Supervised Learning, Bayesian Statistics, Principal Component Analysis, Neural Networks, Gradient Boosting, Linear/Logistic Regression, (Geo-) Spatial Modelling, Recommendation Engines, Attribution Modelling, Predictive Modelling, Time Series Analysis and / or Decision/Scoring Engines, to better understand the business, our patients and clinical operations.
- Lead and contribute to the analysis, design, development, evaluation and deployment of business analytics and statistical modelling projects to support strategic decision making at AV
- Manage, manipulate and automate the production of complex data sets by leveraging skills tools such as Python and R.
- Actively lead and contribute to the coaching and mentoring of junior staff, modelling and encouraging the use of best practice techniques, peer review and the development of technical and stakeholder engagement skills.
- Build strong relationships with both internal and external stakeholders at all levels
- Continuous improvement – you will be expected to constantly scan the systems and tools you work with to identify opportunities for improvement, and then to highlight and work with the team to implement solutions

About You

Successful candidate attributes will reflect Ambulance Victoria's overarching commitment to the protection, safety and well-being of patients, staff and the community. In addition, the successful candidate will possess/demonstrable experience in the below:

- Experience leading small to medium sized teams on projects involving significant modelling or data mining using advanced analytical methods
- Experience working with, and analysis of, very large and complex data sets and a solid grounding in statistical theory
- Advanced user of SQL, Python, R and other similar tools, including demonstrated application in a business setting
- Experience working with Azure or similar cloud-based data platforms
- Demonstrable experience in building and deploying statistical models using real-time and / or historical data
- Translating analytical insights into concrete, actionable recommendations for business, process or product improvements.
- Outstanding communication skills and ability to package and convey complicated analyses in a simple and easy-to-understand way
- Ever-curious mind wanting to find the "why" behind the "what" and will always looking to improve processes and automate more
- Thrives in a rapidly changing, agile environment with little direct supervision

The position of data scientist with Victorian Ambulance is a role of using information technology to extract meaning from large data sets that they have accumulated. This type of work is appealing, as it combines a lot of things I am interested in into one job: programming, data analysis and large data sets. It also relates to my current job role and experience in manipulating and packaging contact centre performance data