

Artificial Intelligence & Machine Learning Engineer at Orchestrated *(March 2018)*

- Cutting-edge data science and analytics projects using Big Data, AI and ML
- Small multi-disciplinary team environments for internal and client facing initiatives

An Engineer is required to implement and apply Big Data, Artificial Intelligence and Machine Learning techniques to produce meaningful insights, predictions and outcomes within our organisational change focused application suite. You'll will work with Data Scientists and Engineers on the team to gather, store, and interpret information on both internal and client projects.

For this role you will be an accomplished software engineer. In comparison with data science, this role focuses on productization of results derived from work with our data scientists.

This is a fast moving field, you'll stay current with industry developments and we'll support you in doing so.

Responsibilities

We seek your expertise to:

- Work with stakeholders to understand challenges, form hypothesis, and iteratively test them: collect required data, analyse experimental results, propose improvements, follow through to test and evaluate.
- Evaluate, select and implement different methodologies and technologies to produce fully functional Big-Data/AI/ML solutions that meet the desires outcomes
- Extract, transform and link data from internal and external sources to build normalized datasets for experiments and benchmarking
- Come up with innovative ideas where AI/ML can be used to provide additional value to our customers and internal stakeholders
- Implement and champion modern data science, analytics, AI, and ML tools such as Tensorflow or the Machine Learning suites provided by providers like Amazon, Microsoft, Google or IBM to deliver your work

Key to Being Successful

You'll likely do well with:

- Strong Machine Learning skills including predictive analysis, time-series analysis, and classification
- Strong Big Data skills including using tools like hadoop
- Strong commercial application of statistical and analytical skills
- Experience with verification of models, data modelling and predictive modelling
- Experience with applicable programming languages (Python, R)
- Experience with AI/Deep Learning libraries/platforms/services, such as TensorFlow, Cognitive Services, Watson, and other open source options
- Experience with Natural Language Processing (NLP)
- Experience working with Jira/Git, and Agile/Scrum processes
- Experience working with AWS as well as automation in this environment
- Basic knowledge of organisational psychology/Cognitive Behavioural Therapy would be advantages
- High attention to detail

Bonus skills that would help, recognizing that nobody will have all of this!

- Software development - we predominantly work in NodeJS & Java, but focus on skills and approach much more than specific languages
- Knowledge of relational (SQL) and graph databases
- Deep exposure to solving business problems through the use of Data Science
- Not be afraid of experimental failure; hypotheses don't often check out.
- Projects that transform the way organisations engage and optimise experience for large customer bases.
- Map out Industry clients' complex customer, project, people and funding strategies to be optimised through Data Science and Machine Learning techniques.
- Leverage strong programming skills in Python, R or NodeJS to manage, manipulate and model large volumes of customer data to extract and deliver strategic insights and recommendations.

Similar Industry Roles

- [Machine Learning Engineer at OpenAI](#)
- [Machine Learning Fellow at OpenAI](#), which is a pathway to a role like this one

Orchestrated Values

- Collaborate to continuously deliver Customer value
- Passionate about software engineering and digital transformation
- Continually learn and share your learnings
- Work without blame and challenge the status quo
- Chose facetime first