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Lead Machine Learning Engineer

Advertiser:
DAIDEC Analytics

17 Mar 2021
Melbourne, CBD & Inner Suburbs
Full Time
Information & Communication Technology, Engineering - Software

We are DAIDEC Analytics and we are a little bit more than a Tech Start-up. We are on our way to scale up, growing rapidly and organically. We have a big vision, to revolutionise the residential and business loans landscape for brokers and lenders as well as promoting a better customer experience.

How? By using predictive analytics to improve the home loan application process and developing as well as market testing our own AI modelling engine.

This is where you come into play.

Your Purpose

You will be coming on board as our Lead ML Engineer to help solve our business problems. In this leadership role you will be carving the way for our team to build and grow our machine learning capability (inc technologies, solutions and technology partnership)

Supported by Eugene, our CTO, and his talented engineering team, you will build the next generation of our core machine learning algorithms, pushing forward the capabilities and performance of our future solutions and products.

Your responsibilities

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~~delivery efforts. This means:~~

- Partnering with our leadership team to translate company objectives and customer needs into the roadmap for both machine learning and engineering platforms
- Mentoring, growing and developing a strong and rapidly scaling team of machine learning engineers, continuously attracting new talents to join.
- Supporting the business by contributing to its strategy and financial performance, as well as building a library of artefacts and tools ensuring our marketplace offering
- Developing end to end efficient model solutions that drive measurable and commercial outcomes
- Leading the development of machine learning use cases with internal business customers in alignment with analytics leads and partners

- Developing the frameworks for deploying data science applications into production environments using appropriate CI/CD and other software engineering techniques.
- Building highly scalable distributed data processing platforms that power hundreds of production ML models and analytical services that impact our business.

Your uniqueness

What makes you get up in the morning? All things ML/AI?

First of all, you are a hands-on ML modelling SME who is effective at both designing the modelling strategy, as well as rolling up your sleeves to build out the models.

With 4+ years of commercial experience working as a Software Developer, ML Engineer, or Data Scientist (with a strong engineering skills & interest in software development), you have a passion for sharing, collaborating, leading, mentoring and growing tech teams.

Keeping up to date with the latest ML methodologies is how you remain sharp and edgy about your craft. (These may ideally include recent papers in conferences such as ACL, NIPS or EMNLP)

Some of the other attributes you will bring:

- BSc, MS, or PhD in a quantitative field (e.g. mathematics, computer science, engineering, operations research, physics, economics, neuroscience, etc.)
- Strong programming skills in Python or Java and some exposure to the Python ML ecosystem (numpy, panda, sklearn, tensorflow, etc.).
- Familiarity with large-scale data processing and distributed systems (Hadoop, Spark, etc.).
- Experience with CI/CD environment (such as Jenkins or Buildkite), version control (Git), job orchestration (e.g. Airflow), and artifact management such as PyPi (nice to have).
- Exposure to machine-learning model lifecycle; training, evaluation, serving.
- Interest in deploying machine-learning models as scalable services.
- Interest in ML "tool-making"; building capabilities for other.
- AWS, Python, Spark as well as DevOps/MLOps knowledge

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We came together because we really believe in DAIDEC Analytics - our purpose to challenge the conventional through constructive curiosity; we know we will make a difference. From the beginning we have managed to bring deep authenticity in everything we do, cultivating transparency, respect, ongoing feedback and accountability.

These are our strengths — We are a tight, diverse and inclusive team, bringing together wisdom, youth, smartness, enthusiasm, ingenuity, innovation, modern thinking and insight.

We have strong investment backing by someone who deeply understands us, shares our values, bringing years of experience in backing start up technology ventures, most notably Afterpay.

So what do you think? Ready to share the future with us? Just hit *Apply now!*

At DAIDEC Analytics, we are strongly committed to diversity and inclusion as well as ensuring equitable opportunities for all. So if you think you have what it takes, but don't necessarily tick all this ad boxes, please still get in touch. We'd love to have a chat and see if we could share a future together.

Please note that we are not looking at external help. Thank you :)

The application form will include these questions:

- Which of the following statements best describes your right to work in Australia?
- Do you have experience leading agile teams?

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