

DATA SCIENTIST/MACHINE LEARNING ENGINEER

Intermediate to Senior

About the Company

Aruba, a Hewlett Packard Enterprise company and global leader in networking products and services, acquired local startup Cape Networks in 2018. As Cape Networks, we had a big vision: to improve the way the Internet works for everyone. We built a small team of skilled engineers and designers in Cape Town and a product that won us Best Startup of the year from Wi-Fi NOW. Today, our product is the fastest growing in the Aruba portfolio and our Cape Town-based team is recognized as being at the leading edge of design thinking and execution.

What do we do?

Our product gives IT managers insight into how their users are experiencing Wi-Fi, network, and application performance, and helps them fix problems before users complain. Other performance tools are complex and intimidating, built by network engineers for network engineers; ours is beautiful and simple, and our customers love it. Our sensor hardware is a delight to install and our software is easy and fun to use. Our product is used in offices, universities, banks, hotels, airports, stadiums, retail stores, and more - every business with Wi-Fi is a potential customer that we can help.

We design all our own hardware and software in Cape Town. Our software systems are built entirely in-house using Python, React, Postgres, InfluxDB, a variety of AWS services, and other technologies. We are truly a full stack company, with a great set of technical challenges to work on. Our Data Science stack is Python based, including Numpy, Pandas, Sklearn and Matplotlib.

Role

- Design, build, train, evaluate, deploy, and monitor statistical and machine learning models for the Aruba UXI product
- Work with developers, engineers, product managers and cross-enterprise data science teams to build machine learning and AI-Ops capabilities that our customers need
- Identify and communicate opportunities to product and engineering stakeholders and drive selected opportunities to production
- Provide data curation, visualisation, analysis and modelling support for business

Skills

- Proficient in SQL, Python and the Python numerical stack (Numpy, Pandas, Sklearn, Matplotlib, etc)
- Ability to work with multiple data sources to retrieve, combine, clean and preprocess data for modeling
- Experience in regression, clustering, classification, and time series analysis
- Ability to explain models and highlight their advantages and limitations
- Familiarity with AWS cloud computing platform
- Ability to work with developers to deploy models in production

Desirable skills

- Experience with Docker
- Experience with GCP
- Experience with streaming data
- Experience with anomaly detection
- Experience with Postgres

Education and Experience Required

- 5+ years of experience
- 2+ years using Python
- 2+ years in a Data Scientist role
- Preferred Masters degree in a scientific, technical or numerical discipline

What we are offering

- Excitement and growth of a startup with the resources and security of a Fortune 100 company
- Full-time position
- Competitive salary
- Great benefits* (Benefits are role and level dependent)
- Comprehensive medical aid
 - Life and long term disability insurance
 - Each year, you would be entitled to 20 paid working days off to use as vacation days. o Other leave types include Maternity Leave, Study Leave, Family Responsibility Leave, etc.
 - 6-month paternity/maternity leave for employees who have been at the company for over a year
 - Company-wide events
 - Cash recognition awards
 - Referral bonus scheme
 - Ongoing technical education
 - Soft skills training
 - Exposure to latest & greatest technologies
 - Opportunity to help shape the product
 - Growth and global scope

Contact

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