Nicole Smith

Data Scientist



Data Scientist with 4+ years of broad-based experience in building data-intensive applications, overcoming complex architectural, and scalability issues in diverse industries. Proficient in predictive modeling, data processing, and data mining algorithms, as well as scripting languages, including Python and Java. Capable of creating, developing, testing, and deploying highly adaptive diverse services to translate business and functional qualifications into substantial deliverables.

GENERAL SKILLS



WORK EXPERIENCE

Data Scientist

Future Energy Ltd. &

05/2019 - Present Palo Alto, CA

- Develop action plans to mitigate risks in decision making while increasing profitability by leveraging data science.
- Drive the interaction and partnership between the managers to ensure active cooperation in identifying as well as defining analytical needs, and generating the pull-through of insights with the business.
- Build predictive models using various machine learning tools to predict the possibility of equipment failing.
- Develop algorithms using Natural Language Processing and Deep Learning models for predictive maintenance.
- Design algorithms to track and detect anomalies in multiple sensors data for the Energy Industry.
- Demonstrate knowledge and execution of application programming interface development and test automation.

O Data Analyst

THETA Financial Group 🗷

01/2016 - 04/2019 San Francisco, CA

- Utilized analytical and technical expertise to provide insights and proposals to support business improvements.
- Evaluated analytical model findings in the Global Monitoring Report, the company's flagship product.
- Streamlined data processing workflows, reducing data retrieval and analysis time by 20%, leading to quicker financial insights and enabling the team to respond more rapidly to market fluctuations, ensuring a competitive edge.
- Developed and deployed a predictive analytics model that increased the accuracy of financial market forecasts by 10%, enabling the
 organization to make data-driven investment decisions and resulting in a \$1.2 million increase in annual profits.

Business Analyst / Statistician

Maxicare Healthcare &

04/2013 - 12/2015 San Francisco, CA

- Developed Key Performance Indicators (KPI) and presented it to the management and led to the execution plan.
- Analyzed and produced KPI reports allowing to monitor field service engineer and customer care center closely.
- Led training sessions on the software developed and presented it to the management for approval of deployment.
- Established advanced analytical skills to develop and manage internal tools for the customer service department.