Oleksandr K.
Senior Data Scientist, Data Analyst, BI Analyst

SUMMARY

- Software engineer with over a decade of experience and background in AI and data science.
- Skilled in predictive machine learning models, financial market analysis, and microcontroller development.
- Proficient in Python, SQL, ETL processes, and data visualization tools like Power BI and Tableau.
- Demonstrated expertise in managing technical directions of organizations and a history of academic excellence with a Master's in Agronomy and advanced certifications in Data Analytics and Data Science.
- ChatGPT 3 Turbo API and automating analysis tasks, showcasing the ability to leverage modern AI technologies to solve complex problems.

TECHNICAL SKILLS

Main Technical Skills	SQL, Python, Data Analysis
Programming Languages	Python
AI & Machine Learning	AWS ML (Amazon Machine learning services), AWS SageMaker (Amazon SageMaker), NumPy, PyTorch, Scikit-learn
UI Frameworks, Libraries, and Browsers	HTML
Python Libraries and Tools	Matplotlib, NumPy, Pandas, Plotly, PyTorch, Scikit-learn, SciPy, Seaborn
Data Analysis and Visualization Technologies	Business Intelligence (BI) Tools, Data Analysis, ETL, Pandas, Power BI, Tableau
Databases & Management Systems / ORM	SQL
Cloud Platforms, Services & Computing	AWS, GCP

Amazon Web Services	AWS EC2, AWS Lambda, AWS ML (Amazon Machine learning services), AWS S3, AWS SageMaker (Amazon SageMaker)
Google Cloud Platform	GCP Cloudbuild
SDK / API and Integrations	API
Version Control	Git
Other Technical Skills	ChatGPT, Parsers, ROS2, Talend ETL

WORK EXPERIENCE

Managing Director, Construction and Installation Management

Duration: 2005 - Feb. 2010
Summary: Management of installation organization
Responsibilities: Management of a construction and installation organization

Technical Director, Technical Direction

Duration: 2010 - Feb. 2021
Summary: Management of installation organization in a technical capacity
Responsibilities: Management of a construction and installation organization

Data Scientist, Equipment Failure Analysis

Duration: Aug. 2021 - Feb. 2023
Summary: Research and analysis of equipment failures and development of machine learning models for failure detection
Responsibilities: Development of predictive machine learning models for failure detection
Technologies: Machine Learning, Python, SQL, ETL, Data Visualization

Python Engineer, Financial Market Analysis and Development

Duration: Feb. 2020 - Aug. 2021
Summary: Freelance projects involving analysis and forecasting of financial markets, and development of server code and data science operations.
Responsibilities: Analysis and forecasting of financial markets, server code development and data science devops
Technologies: Python, HTML, Data Analysis, Machine Learning

Python Engineer, Microcontroller Development

Duration: Apr. 2020 - Feb. 2022
Summary: Development of microcontrollers for engineering systems, programming and service support
Responsibilities: Development of microcontrollers for engineering systems, programming and service support
Technologies: Microcontroller Programming, Service Support

AI Engineer, ChatGPT 3 Turbo API Integration

Duration: Mar. 2023 - Jul. 2023
Summary: Integration of ChatGPT 3 Turbo API for text messages analysis
Responsibilities: Integration of ChatGPT 3 Turbo API for text messages analysis
Technologies: ChatGPT 3 Turbo API, AI

EDUCATION

- **MASTER'S DEGREE IN AGRONOMY**
  1999 - 2003
- **DATA ANALYTICS, DATA SCIENCE**
  Completed through DAN-IT, MAIN ACADEMY, COURSERA, UDEMY
  2020 - 2022

CERTIFICATION

- **Integration of ChatGPT 3 Turbo API for text messages analysis**
  mar. 2023 - jul. 2023