

Elvin I.

Senior Data Scientist

SUMMARY

- Experienced machine learning engineer with a strong background in developing and implementing machine learning and deep learning algorithms. - Proficient in Python, TensorFlow, and Keras, I have a passion for solving complex problems and delivering high-quality solutions. I have a proven track record of developing and deploying machine learning models for various industries, including finance, healthcare, and retail. I am a continuous learner who is always seeking new challenges and opportunities to expand my skills. - Fluent English - Native Azerbaijani - Native Turkish - Low-intermediate French

TECHNICAL SKILLS

Main Technical Skills	Python, TensorFlow
Programming Languages	Java, JavaScript, Python
AI & Machine Learning	Keras, PyTorch, TensorFlow
Python Libraries and Tools	Keras, Pip, PyTorch, TensorFlow
Java Frameworks	Spring
Databases & Management Systems / ORM	SQL
UI Frameworks, Libraries, and Browsers	Ajax, CSS, HTML
Third Party Tools / IDEs / SDK / Services	Anaconda
Virtualization, Containers and Orchestration	Docker
Version Control	Git
SDK / API and Integrations	RESTful API

EXPERIENCE

Research Engineer, Irimas (University de Haute Alsace)

2022/09 - present

Responsibilities:

- Focused on creating end-to-end deep learning architectures for human rehabilitation exercises
- Designed and implemented innovative solutions to improve patient outcomes and increase efficiency in rehabilitation exercises
- Developed data preprocessing pipelines to clean and preprocess the raw sensor data for training and testing the models.
- Designed and developed deep learning models and graph neural network for recognizing human exercise movements from sensor data

Research Intern, Irimas (University de Haute Alsace)

2022/02 - 2022/07

Responsibilities:

- Implement the self-attention networks in Python and evaluate the UCR archive containing 128 univariate time series datasets.
- Adapting transformer architecture in the context of time series classification.
- Quantitative analysis and comparison with state-of-the-art approaches in the field of time series classification.

Junior Software Developer, Bank Respublika OSJC

2020/06 - 2020/10

Responsibilities:

- Designed and developed RESTful APIs and microservices using Java Spring framework to support mobile banking systems.
- Web API: Worked on microservices that enable to addition of external bank cards and making payments with them.

Web developer, Best Telecom

2020/02 - 2022/01

Responsibilities:

- Developed and maintained several websites using Java Spring framework for the backend and HTML, CSS, and JavaScript AJAX technologies for the frontend
- Collaborated with designers to create responsive, user-friendly interfaces that meet client specifications
- Implemented and maintained RESTful APIs for web services integration
- Integrated payment gateways and other third-party services into web applications

EDUCATION

Data Science and Artificial Intelligence, University of Strasbourg

2020 - 2022

- Implementation of Grey Wolf algorithm that imitate the behavior of grey wolves in nature to hunt in a cooperative way.



- Twitter semantic analysis of covid-19 virus - Collecting data from Twitter using Twitter API, Applying NLP pipeline, and creating a model for regression analysis spread of the covid-19 virus.
- RPG Ontology - Develop ontology using Protege for the well- known RPG game Dungeon and Dragons.

Computer Engineering, Azerbaijan State Oil and Industry University
2016 - 2020

CERTIFICATES

Neural Networks and Deep Learning - Coursera

Introduction to Machine Learning - Coursera

Java Web Development - itcity.academy

