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Groningen, Netherlands

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# Mansur Nurmukhambetov

Data Scientist / Junior Developer

GitHub: nomomon

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Team-oriented and creative data scientist with two years of experience in data processing and machine learning. Certified student pursuing a bachelor's degree in artificial intelligence offering expertise in statistics and mathematics, research and data analysis. Currently seeking junior data scientist position to apply and develop skills in machine learning.

## EDUCATION

**Bachelor of Science in Artificial Intelligence**, *University of Groningen*

Graduating June 2024

**Yandex Practicum**, *Data Science Specialist*

Feb 2022 - Sep 2022

## TECHNICAL EXPERIENCE AND ACHIEVEMENTS

**Machine Learning Intern in a StartUp / Product Description Generator**

**Jul 2021 — Aug 2021**

*Texta.ai*

*Almaty, Kazakhstan*

- Developed a Node.js web scraper using Puppeteer to autonomously extract product information from Amazon.
- Cleaned and preprocessed text data for GPT style prompts.
- Trained and fine-tuned a GPT-Neo model with HuggingFace for generating Amazon product descriptions.

**Team Lead / Soft Skills AI**

**May 2021**

*JasTalents Hackathon, 1st place winner*

*Almaty, Kazakhstan*

- Integrated Open AI's GPT-3 API with a telegram bot.
- Presented the project and its value in a 3 minute pitch video.
- Led a team of 2 programmers.

**Team Lead / Orama Visual Assistant**

**Nov 2019 — Jan 2020**

*Technovation Families, Asia Finalists*

*International*

- Curated the collection and collected a dataset of more than 5000 images.
- Trained and fine-tuned a MobileNet classifier with Tensorflow to classify cutlery and clothes.
- Developed an accessible, downloadable progressive web application with a MobileNet model deployed on it using Tensorflow.js.

## PERSONAL PROJECTS

**Felony Felines**

**Jan 2022 — Present**

*Felony Felines is a local two-player shooter in the spirit of Boxhead 2Play, where the a pair of notorious cats blast against giant robots.*

- Improved enemies' state systems behaviors to more diverse and complex with behaviours like boids.
- Built and implemented a state diagram for an NPC player in Godot with chase, attack states.

**Anime Recommendation System**

**Aug 2021**

*Self-conducted research on comparison of user-item recommendation systems in TensorFlow on an anime dataset.*

- Conducted a research hypothesis comparing three different recommendation system models in Tensorflow.
- Combined, cleaned and preprocessed anime ratings datasets acquired from Kaggle.
- Trained the models and reported research results on Github.

**Potato Cashback**

**Feb 2021 — Aug 2021**

*Loyalty program for small stores in a phone app. It collects data about customer purchases and sends special offers to them.*

- Built a highly available, fault-tolerant microservice architecture based on Flask, MongoDB and Heroku.
- Improved user experience by adding the predictive phone search feature and QR code payments.
- Analysed customer data to provide the most profitable and satisfiable prices on products.
- Developed a WhatsApp chatbot for customers to ask questions, and receive notifications about their cashbacks.

## CERTIFICATES

**Coursera, deeplearning.ai**, *Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization*

Oct 2020

**Coursera, deeplearning.ai**, *Neural Networks and Deep Learning*

Aug 2020

## SKILLS

**Tech/Data experience:**

Python (Tensorflow, Keras, Scikit-learn, Numpy, Pandas), Node.js, SQL, Git,  $\text{\LaTeX}$ , Markdown

**Research and Analysis:**

Data analysis, research by critical thinking and viewing and reporting the result

**Team Player:**

Working in the teams, building relationships through effective communication

**Problem solver:**

Ability to solve complex problems using critical and system thinking

**Languages:**

English (Fluent), Russian (Native), Kazakh (Native), Dutch (Beginning speaker)

**Fast Learner:**

Keen to continuous excellence improvement in the face of rapidly evolving and changing markets

**Activities and hobbies:**

Magic, jogging, food and experimental cooking