

Zhanibek Darimbekov

Senior Computer Science Student at
Nazarbayev University

Junior Python Developer pursuing career in Data Science

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WORK EXPERIENCE

Python Developer

Kazdream Technologies 🔗

06/2019 – Present

Astana, Kazakhstan

Product based company developing information security and intelligence software

Achievements/Tasks

- Designed and developed 20+ web scrapers and parsers collecting data from messengers, news sites, social networks via public APIs
- Written 10+ APIs and microservices within the company's main software product
- Managed the collected data in PostgreSQL, MongoDB, and Neo4j

PERSONAL PROJECTS

Automatic Image Recommendation System to News Articles (09/2019 – Present)

Given a news article, the system recommends a set of images similar to the context of the input text. The system does a direct comparison of news text and candidate image by representing them in a common mathematical form preserving the overall semantics and context of both.

Attendance Management System using Face Recognition (09/2019 – Present)

The system will record the attendance of the students in a classroom environment automatically using face recognition algorithms. Specifically, it uses MTCNN for face alignment and pretrained FaceNet+SVM model for face recognition.

Whiskas Budget Manager App (10/2018 – 12/2018)

A group project in Software Engineering course, where we developed a simple budget manager web app. During the development process, we followed Scrum and Kanban techniques.

Computer Vision and Natural Language Processing task from Google at HackNU 2019 (03/2019 – 04/2019)

A system that receives a textual description and connects it to the most related picture from a limited set of pictures. The description may be a single word or a whole sentence. The model uses an image captioning algorithm, Universal Sentence Encoder, and PyTorch and NLTK libraries.

@inhumantwi (07/2019 – Present) 🔗

A simple probabilistic language model, which generates tweets. The model learns from the tweets of its own followings.

SKILLS

Python

PyTorch

Natural Language Processing

Computer Vision

Java

Javascript

git

Agile/ Scrum

SQL

Neo4j

ONLINE COURSES AND CERTIFICATES

Method Pro Bootcamp (06/2018 – 08/2018) 🔗

- Summer Internship organized by Method Coding School, Astana. Worked on a case provided by the General Prosecutor's Office of Kazakhstan.

Carnegie Mellon University's Introduction to Deep Learning Course (01/2019 – 05/2019) 🔗

- Audited online the lectures and assignments

Applied Text Mining in Python (07/2018) 🔗

- An online non-credit course authorized by the University of Michigan and offered through Coursera

Rahmet Day. (02/2019) (02/2019) 🔗

- Top-1 in a Case Competition organized by ChocoFamily, e-commerce holding

11th International Zhaudykov Math Olympiad, Almaty (04/2015) 🔗

- Participant

EDUCATION

Computer Science

Nazarbayev University 🔗

08/2016 – 06/2020

GPA 3.13

Courses

- Algorithms
- Graph Theory
- Software Engineering
- Operating Systems
- Deep Learning
- Data Mining
- Computer Networks