

ALIMBEKOV RENAT

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EDUCATION

Al-Farabi Kazakh National University
BS Mathematical Computer Modeling

Almaty
2004 - 2008

EXPERIENCE

Conformal Group LLC

AI Research Engineer

Remote
04/2024 - Present

- Working with SOTA LLMs
- Developing and fine-tuning BERT and BERTTopics models for content moderation
- Evaluating model performance and making necessary adjustments
- Staying updated with the latest advancements in language models and machine learning

Freelance

Data Science and Data Analytics Consultant

Remote
06/2023 - 04/2024

- Developed a customer LTV prediction model for a health and wellness app developer
- Development of a model for classify the category of vacancies by text for the vacancies aggregator service. Average model ROC AUC: 0.979.
- Create model to detect geo outliers. F1 Score: 0.95
- Improve eye diseases model accuracy by 5%

VEON Kazakhstan (Telecom Company)

Head of Big Data Analytics and Data Science Department

Remote
04/2022 - 06/2023

- Lead a team of 35+ people (7 streams: Fintech, Devices, MobileAd and GEO, Computer Vision, NLP, Internal projects, CVM) to increase profit in company.
- Achieved almost three times growth in a year with the business
- Created and launched an internal system of grading and employee development
- Code Review practice, improved CI / CD, developed an internal tool for quickly testing hypotheses, made models to help the business, internal regular meetups appeared, processes were standardized, and much more

VEON Kazakhstan (Telecom Company)

Big Data Analyst

Remote
04/2021 - 04/2022

- Led full-cycle development of the Passive Liveness Product
- Reached the Attack Presentation Classification Error Rate (APCER) = 2.6% and Bona Fide Presentation Classification Error Rate (BPCER) = 3.3% by developing a classification model on PyTorch
- Implemented codes from scientific papers
- Development of new neural network architectures
- Development of new types of preprocessing and augmentation by openCV2, albumentations
- Reached the 95.4% F1 Score Facemask detection

ForUs Data (AI MedTech Startup)

Deep Learning Scientist

Almaty
05/2019 - 03/2021

- Work in medtech project to help doctors and radiologists identify diseases on X-ray, CT and mammography images
- Develop AI for medical image analysis
- Solving problems of classification, segmentation on x-ray, CT and mammography
- Work with tabular data
- Built microservice architectures and integrate it with PACS
- Implemented codes from scientific papers

Practicum by Yandex (Education Platform)*Senior mentor, Data Science*

Remote

07/2019 - 08/2021

- Mentoring students at 'data analyst' and 'data scientist' track
- Leading Mentors team
- Creating content plan for Mentors webinars
- Develop slack feedback bot

Kaspi.kz (FinTech)*Data Scientist / Analyst Lead, Credit Analysis and Scoring Division*

Almaty

06/2018 - 05/2019

- Responsible for analytics and strategy for automated decision making on products: ONLINE PRODUCTS, OFFLINE PRODUCTS and QR
- Building models for monitoring potential FRAUD Groups
- Planning team work and monitoring tasks
- Recruitment, training and development of employees

Sberbank Kazakhstan (Bank)*Head of Internal Audit of Information Systems and Methodology of Internal Audit/IT Audit and Internal Audit Senior specialist*

Almaty

04/2012 - 05/2018

- Department management
- Implementation of data analysis projects - analyzing and monitoring the quality of the loan portfolio, developing an antifraud system.
- Development of an automated information system using HTML, PHP 5 (Codeigniter), JavaScript, JQuery, MySQL 5

BTA Life (Life Insurance Company)*PL/SQL developer*

Almaty

07/2008 - 04/2012

- Developed stored procedures and functions, as well as other objects, using Oracle PL / SQ
- Designed IS architecture and database model
- Developed reinsurance modules
- Investigated, analyzed and developed a wide range of insurance reporting

Different web studios*Web-developer*

Almaty

03/2006 - 05/2008

- Development of Internet projects using PHP Frameworks

SKILLS

Computer skills:	Pytorch, Pandas, Numpy, Sklearn, Flask, SQL, Python, Bash, Git, gradient boosting, CV
Language skills:	English – intermediate, Russian – native
Managment:	Team Management, Product Management, Mentoring, Leadership

PROJECTS**Blog**<https://alimbekov.com/>

Blog about practical tips on DS and ML

Fantasy EPL Python, SQL, Airflow, Parsing, Selenium, FastAPI, Looker data studio

Create service with reports and dashboards for Fantasy English Premier League

AWARDS**Kaggle Competitions Expert (Highest Rank - 559)****BarCampCA2010 Ideas Market Winner**