

Anuar Suleimenov

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Education

Nazarbayev University

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Nur-Sultan, Kazakhstan

Aug. 2018 - Jun. 2022

Experience

recruit.ai startup

Nur-Sultan, Kazakhstan

FULL-TIME MACHINE LEARNING ENGINEER

Jul. 2020 - May 2021

- Build a web-scraper for parsing out asynchronously hundreds of CVs from other resources with scheduling feature and sending it via bot to Telegram
- Build a classifier using transformers implementation for resume classification, gaining as a result an accuracy of 78% with further contribution to its fine-tuning using classifier for defining the convergence with vacancies
- Implemented YOLOv4, YOLOv5 and YOLOv-PP models for the dog recognition with training of them, gaining as a result an average accuracy of around 77%
- Wrote several experimental models for a time-series prediction of company sales, using XGBoost, classic ML models, CNN and CatBoost gaining an average accuracy of 68%
- Used technologies: PyTorch, scikit-learn, wandb, Locust, asyncio, APScheduler, MongodDB, Flask, Django, PostgreSQL, aiogram, requests

Projects

Note Taking web app

<https://github.com/treoa/note-taking-django>

DJANGO NOTE TAKING APP

- Built a note-taking web app with auth and basic user panel with note management features using built-in Django modules, with settings, and custom web templates
- Developed apps for auth, including login and registration, as well as a panel for adding, editing, and deleting user notes, with date, image, and audio uploads, and note with the title itself

Null-it-out

github.com/treoa/null-it

IMPLEMENTATION OF THE PAPER NULL IT OUT

- Taught myself on the implementation of a idea of papers starting out with NLP area and an models on transformers
- Based on the activation function, a two-layered linear income classification model was constructed for easier learning, including gender, educational level, and other elements. Biased features, such as gender, were later removed to show on map that models can be classified even without such unnecessary features
- Followed important points from the paper using SGD optimizers and Cross Entropy Loss as a convex loss function. Pointed out some other mislead information in the paper
- Tools used: Pytorch for model building and Dataset construction, Pytorch Lightning for robustness, wandb for logging, and numpy with pandas for data preprocessing

Tools

Programming Languages: Python, C++, JavaScript, Dart, Java

Frameworks and Technologies: PyTorch, Pytorch Lightning, wandb, scikit-learn, numpy, pandas, Locust, Django, PostgreSQL, Docker, MongoDB, FastAPI, NodeJS, React JS, Unix, Git, SQL

Extracurricular Activity

Nazarbayev University ACM Student Chapter

NU ACM SC website

CHAIRPERSON

Apr. 2020 - Present

- Managed a small friendly team of an about 50 members, collaborating with several international, as well as Kazakhstani IT companies for encouraging a youth in IT.
- Holding, as a part of one team, organisations of hackathons, workshops, and talks with worldwide professionals as a part of the promotion of IT in the country
- Chairperson since April 2020, while from October 2019 serving as an officer and holding weekly workshops on the behalf of a Mobile Development Special Interest Group