

Rustem Orazbayev

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EXPERIENCE

Intern

August 2023 - September 2023

STARTIOS, <https://github.com/startmobile-kz/indrop.kz/>, Mentor **Islam Temirbek**

- Participated in the development of a startup application from scratch
- Layout screens natively and with SnapKit, referring to the design
- Set up the flow of screens for the client to receive the package
- Added network requests to update screen content
- Made about 150 commits
- Participated in code reviews and daily meetings every day
- Refactored MVC module to VIPER architecture

Junior Research Assistant

January 2022 - September 2022

Nazarbayev University, Professor Ton Duc Do

- Developed the Soft Actor Critic training algorithm for the electric motor environment.
- Shortened the training time by 2 times compared to the DDPG algorithm.
- Increased the accuracy by 6% with the help of optimization of hyperparameter algorithms using the Sherpa library

SKILLS

Languages

Swift, C++, Python, Java

Stack

UIKit, Git, REST API, Alamofire, SnapKit, GCD, Linux/Unix

Architectures

VIPER, MVC, MVVM, Clean

Databases

Firebase, Core Data, PostgreSQL

EDUCATION

Nazarbayev University, Kazakhstan

August 2023 - Ongoing

Graduate in Data Science

Courses: Process and Project Management, Probability and Statistics for Data Science, Research Methods

Nazarbayev University, Kazakhstan

August 2019 - June 2023

Undegraduate in Computer Science

Courses: Database Systems, Algorithms, Computer Systems and Organization, Programming Languages, Deep Learning, Software Engineering, Research Methods, Artificial Intelligence, Image Processing

PET PROJECTS

Strong Future

<https://github.com/a1410453/Senior-Project>

- Creation of a startup project with the idea of a marketplace for various hobbies and sports sections for children
- Using the Firebase framework to create a registration system
- Integration of the ChatGPT API for recommendations
- Adding complex GUI elements
- Refactoring to VIPER architecture