

YERKINULY YERKEBULAN

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EDUCATION

Nazarbayev University

Astana

Bachelor of Science in Computer Science

Aug. 2022 - Jun. 2027

- Courses: Performance and Data Structures, Programming for Engineers (C++, OOP).

TECHNICAL SKILLS

Languages: Java, Python, Swift.

Technologies: SwiftUI, UIKit, FastAPI, Docker, Git, Pinecone, Firebase.

EXPERIENCE

nFactorial Incubator

Coding Bootcamp

Jun. 2023 – Aug. 2023

- Developed an **iOS** application utilizing Generative AI to provide detailed information about pubs.
- Implemented **Pinecone** vector database in order to optimize response quality of chatbot AI.
- Designed a web application emulating **Incredibox** during the hackathon, featuring Central Asian traditional music and throat singing.

PROJECTS

THE PUBLIC | *Python, FastAPI, Swift, SwiftUI, Docker, Firebase, Pinecone* | [GitHub](#)

Aug. 2023

- Improved the performance of chat **AI** assistance by integrating a **vector database**, resulting in faster analysis of the stored data.
- Acquired data about bars/pubs by parsing **2GIS**.
- Integrated **Firebase** to bundle users' ID by their phones and store chat history.

Nomad Shot | *JavaScript, HTML, CSS* | [GitHub](#)

Aug. 2023

- Developed a music web application featuring traditional **Central Asian music**.
- Devised an algorithm to extract music from YouTube and convert it to mp3 files.

Rock-Paper-Scissors Simulator | *Java* | [GitHub](#)

Apr. 2022

- Simulator based on game Rock-Paper-Scissors, locations and velocity of each part is randomized.
- Utilized Princeton **COS 126** library, to design animations particle styles inspired by Star Wars.

AWARDS

Tech Orda Scholarship – Selected from **2000** candidates, received a **3500** scholarship for coding skills.

nFactorial Incubator – Chosen as one of **75** candidates out of 4000+ applicants (acceptance rate: **2%**).