

# KAMILA MADANIYATOVA

Nur-Sultan, Kazakhstan

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## Education

### Nazarbayev University

*Bachelor of Science in Computer Science*

August 2018 – January 2023 (expected)

*Nur-Sultan, Kazakhstan*

## Relevant Coursework

- Performance and Data Structures
- Algorithms Analysis
- Programming Languages
- Software Engineering
- Databases
- Machine Learning
- Computer Systems and Organization
- Artificial Intelligence

## Experience

### Nazarbayev University

*Research Assistant*

August 2021 – present

*Nur-Sultan, Kazakhstan*

- Assisting in development of binarized convolutional neural network for image classification using the **Pytorch** library

### Method Pro

*React Native Developer Intern*

July 2019 – August 2019

*Almaty, Kazakhstan*

- Developed the front end of a mobile application for **iOS/Android** using the **React Native** framework.
- Designed the responsive interface of a mobile app with Figma.
- Collaborated with team members using version control systems such as **Git** to organize modifications and assign tasks.
- Utilized Xcode as a development environment in order to visualize the application in both iOS and Android.

## Projects

### codeW 2021 | *JavaScript, React, Heroku*

<https://github.com/kammnd/codew2021>

- Created a **React** application for Annual Coding Marathon for Female Students using **JavaScript** and **HTML/CSS** to provide event details for participants.
- Utilized `React.createContext` to display the information in 3 languages without need to reload the page.
- Used `Styled-components` to provide fast development within a month.

### Recruitment App | *JavaScript, React Native*

- Designed an interface and functionalities for a mobile app for HR Department of Alfa Bank.
- Used `React Native` to create interface that displays the resumes of applicants loaded from the database, and supports actions such as search, rating, editing, and commenting of resumes.
- **1st place** at monthly team project hackathon among 70+ participants (selected by representatives of Alfa Bank)

## Technical Skills & Languages

**Programming Languages:** C++, Python, Java, SQL, C, HTML/CSS

**Technologies/Frameworks:** Git, React, PostgreSQL

**Languages:** English, Russian, Kazakh, Mandarin

## Leadership / Extracurricular

### NU ACM-W Student Chapter

*Chair*

April 2021 – Present

*Nazarbayev University*

- Headed chapter of 20+ members to support and advocate for the full engagement of female students in computing field through organization of social and professional events and programs.
- Organized codeW 2021 codeW 2022, a programming contest for girls with 300+ applications, in cooperation with Microsoft, EPAM, Palantir, Chocofamily, Jane Street.
- Was a **Teaching Assistant on Data science workshop** Instructional Odyssey led by Dean from Stanford with 100+ participants

## Activities

- Was qualified for **Advanced Track** of competitive programming marathon codeW 2020 through a preliminary test from Facebook.
- Place in the **top 25%** of 193 teams on competitive programming marathon NU OPEN.
- Selected as participant of Google's Get Ahead Program 2021