




DILNAZ AMANZHLOVA

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EDUCATION

Nazarbayev University • Nur-Sultan, Kazakhstan
Bachelor of Science • Computer Science

August 2019 – June 2023

- Relevant coursework: Performance and Data Structures, Programming for Scientists and Engineers
- Cumulative GPA: 3.63/4.0

PROFESSIONAL EXPERIENCE

Software Engineering Internship – JPMorgan Chase
Virtual

April 2020 – May 2020

- Interface with a stock price data feed and set up the system for analysis of the data
- Implement the Perspective open source code in preparation for data visualization
- Use Perspective to create the chart for the trader's dashboard

Special Interest Groups Manager – ACM Student Chapter
Astana, Kazakhstan

January 2020 – Present

- Supervise 5 groups of students (ICPC, WebDev, MobileDev, GameDev and Cyber Security)
- Help students with questions, or direct them to the correct personnel
- Schedule group sessions, arrange talks and send/receive mail

PROJECTS

School Act System Website/Android app

September 2018 – March 2019

HTML/CSS, PHP, JavaScript, AJAX, jQuery, Java, Android Studio

- Built website which keeps track of student offense cases' documentation in a school's online database server
- Implemented AJAX technology and jQuery for extracting the exact data and uploading several queries simultaneously to the school database
- Generated the PDF document, according to the filled data about the student and the type of the offense, to download and print if needed
- Developed Android app according to the website, using local Firebase Realtime Database to store the data, so that it can store data offline and upload to the online database when having the internet connection asynchronously

ZVOOK Android app

May 2018 – June 2018

Java, Android Studio

- Built an Android app using Java which helps people with hearing impairment to avoid dangerous situations, like a fire alarm or dog barking, by "hearing" the sounds and warning the person with the help of vibrations and flashlights
- Implemented complex mathematical transform which returns a frequency of sound instead of its sound function. The app listens for all sounds asynchronously and traces similar sound pattern as in dangerous situations
- Used Firebase Realtime Database to store the history of potential dangerous situation to test the system and improve further
- Become the finalist on Technovation, an international competition for girls aged under 18 to solve a social problem in their hometown, along with 20 teams from 100 teams around the country.

SKILLS

- **Fluent with:** C/C++, PHP, JavaScript, HTML/CSS
- **Worked with:** Java, SQL
- **Acquainted with:** Laravel, Wordpress, Python, AJAX, React
- **Soft:** team-player, good communicator, patient and lifelong learner

EXTRA CURRICULAR ACTIVITIES

- Volunteer work with special needs students
- Languages: Kazakh(Native), Russian(Official), English(Proficient), Korean(Elementary)
- Member of ACM-Woman Student Chapter
- Volleyball, swimming and reading fantasy books