Ablan Abkenov (Frontend Developer)

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EDUCATION

Nazarbayev University — Astana(Nur-Sultan), Kazakhstan
BS in Computer Science, School of Engineering and Digital Sciences — *August 2017 – June 2021*

EXPERIENCE

Aksham startup — Astana(Nur-Sultan), Kazakhstan (Remote)
Front-end web development Intern — *June 2020 - September 2020*

- Developed an adaptable cross-platform landing page for the main site of the project using Bootstrap4, CSS preprocessors and Javascript.
- Maintained the project's front-end side and developed new features applying jQuery scripts for better user experience.

BTS Digital — Astana(Nur-Sultan), Kazakhstan
Machine Learning Intern, Team of Sound Processing — *June 2019 - September 2019*

- Implemented and developed new speech-to-text and text-to-speech framework for Kazakh language in a team.
- Created databases by parsing the information from forums, books and other various sources of Kazakh texts by own written parser on Python. Also did a markup of an audiobook for the same purpose. Extracted direct speech parts from the books using regular expressions and Bash scripts.

Nazarbayev University — Astana(Nur-Sultan), Kazakhstan
Undergraduate Research Assistant, Department of Computer Science — *June 2019 - September 2019*

- Developed a project that utilizes computer vision for protection of children's privacy.
- Applied face recognition, body detection and tracking technologies on video samples using OpenCV, OpenPose, face_recognition libraries in Python to achieve the goal of hiding the identity of unwanted individuals.
- Built scripts on Bash and Python to automate the process of evaluating quantitative performance of the project by means of YouTube Faces data set.

PROJECTS

- **Home Security System Web Application** Implemented a frontend side of the web application as a university senior project. Application supports features of authentication, routing, uploading files, fetching requests and processing responses from the backend side. Stack used: React, Next.js, Docker
- **Pet Projects on Vue3 and React** My personal implementations of: Currency Converter, Task Manager, Weather Forecast App, Simple Math Quiz App, App for Text Skimming

PROGRAMMING SKILLS

- **Languages**: Javascript, Python

- **Relevant Courses**: Algorithmic Problem Solving, Algorithms, Data Structures, Formal Languages, Databases, Software Engineering

- **Technologies**: HTML5, CSS3, SASS, Bootstrap4, Vue3, Vuex, Vue Router, Jest, React, Axios, Git, npm, REST API, UNIX

ACTIVITIES

- **HackNU 2021**: Took 1st place in a team of 3 people out of 100+ teams, by providing a web application solution for a task from BTS Digital to create a viral app that should increase the number of users. Developed the frontend part of the application using React library and Ionic framework, March 2021.

- **Microsoft Digigirlz**: Provided help in Organization and Instruction of High Tech Camp for girls Microsoft Digigirlz, in Astana June 2019.

- **ACM Student Chapter**: Member of Nazarbayev University ACM Student Chapter, since September 2019.

- **Facebook Code-W**: Provided help in organization of coding contest for women hosted by Nazarbayev University ACM I& ACM-W Student Chapters with support of Facebook, in Astana March 2020