ADIL ZHIYENBAYEV

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github.com/Adil1567

EXPERIENCE

Research Assistant
Train detection system

📅 May 2022 – Present   📍 Nur-Sultan, Kazakhstan

- Testing acoustic and vibrational sensors with Raspberri Pi 0
- Prototyping the detection system with several levels
- Found and reviewed the low-cost methods of early train detection

Research Assistant/Senior Project
Brain Computer Interface, brain typing system

📅 September 2021 – May   📍 Nur-Sultan, Kazakhstan

- Tested different linear and non-linear neural network models
- Recorded EEG signals from P300
- Found a valid MNE EEG dataset for speller system
- Adapted existing LDA, SVM, CNN and RNN models for number spelling purposes
- Developed a prototype for EEG data analyzer for MNE Python

Web Developer
LLC CROCOS

📅 July 2019– July 2020   📍 Nur-Sultan, Kazakhstan

- Designed, implemented and monitored web pages, plugins and functionality for continuous improvement
- Completed detailed programming and development tasks for front end public and internal websites
- Used HTML, CSS, JavaScript and jQuery languages
- Collaborated with a team using Git

EDUCATION

B.Sc. in Computer Science
Nazarbayev University, School of Engineering and Digital Sciences

📅 Aug 2018 – June 2022

High School Diploma
Nazarbayev Intellectual School

📅 Dec 2013 – May 2018

SOFT SKILLS

- Java/JavaScript
- HTML,CSS,React
- Python, C++,C
- Pytorch,Tensorflow,Keras
- Raspberry Pi, Arduino

ACCOMPLISHMENTS

- Developed various dynamic websites with HTML, CSS and JavaScript
- Compared the performance of the State-of-Art and Novel CNN Construction Approaches and proposed new approach of transfer learning for Traffic sign classification model
- Designed an application for BCI Based Spelling System using MNE
- Successfully completed the course "The Complete 2022 Web Development Bootcamp"