Mateusz **Kojro**

Rodakowskiego 10/16 , Łódź

533 043 022 | mateuszkojro@outlook.com & mateusz.kojro@edu.uni.lodz.pl | mateuszkojro.com | mateuszkojro (github.com/mateuszkojro)

Skills

DevOps	Linux , Git / Github, Docker, TravisCI
Back-end	SQL, Node (Express) , REST API , JSON , XML
Front-end web development	HTML, CSS, React, Next.js
Programming	C++, Python, Rust, JavaScript, GO, TypeScript, Java
Languages	English (C1), Polish (Native)

Experience

National Center for Nuclear Reaserch - Cosmic Ray Laboratory
Łódź

SCHOLRASHIP RECIPIENT, PROGRAMMER *May 2021 - Now*

- Developing live meteor trigger detection system for night sky observations
- Working on system information gathering software
- Working on international reaserch group

Freelance Creating Website (Backend and Frontend)
Remote

PROGRAMMER *June 2020 - now*

- Creating and managing website for external company
- Multi-threaded REST server implementation using GO programing language
- Frontend implementation using React.js framework with Typescript
- Website archtechture design using client-server architecture
- Managing server architechture using Google Cloud
- https://medicalpoland.pl.

IT Services SINFO Sp. z o.o. - computers and printers service
Bydgoszcz

SYSTEMS ADMINISTRATOR *May 2018 - April 2019*

- Workstations management (Windows and Linux)
- Computer assembly and conservation
- Diagnostics and repair of hardware and software faults

Mental Health Clinic "Stawowa"
Bydgoszcz

IT TECHNICIAN *May 2019 - September 2019*

- IT help desk - computer support (Windows and Linux)
- Network management

Freelance programming Application module (C#)
Bydgoszcz

PROGRAMMER *August 2019 - September 2019*

- Creating module of C application used for checking Medical Insurance Status

Education

Computer Science Degree
Łódź

UNIVERSITY OF ŁÓDŹ - FACULTY OF PHYSICS AND APPLIED INFORMATICS *2019 - now*

- Extended object oriented programming course in C++
- Programming course with OpenGL and Vulcan
- 3D game project using Three.js library

Physics Degree
Łódź

UNIVERSITY OF ŁÓDŹ - FACULTY OF PHYSICS AND APPLIED INFORMATICS *2020 - now*

- Basic physics course

3LO Bydgoszcz *Bydgoszcz*

Profil matematyczno - informatyczno - fizyczny *2017 - 2019*

- Participation in Astro PI contest - programming a Raspberry pi located on a International Space Station
- Matura z Informatyki

Google Nanodegree *Online*

Udacity *March 2017 - August 2017*

- Java - creating mobile applications for Android

Private Projects

Basic Neural Network library

C++

- https://github.com/mateuszkojro/neural-network-library
- Creating and managing projects that use CMAKE
- Implementation of simple deep neural network algorithms based on linear algebra

Simple programing language

C++

- https://github.com/mateuszkojro/programing-language
- Implementing recursive bactracking interpreter for simple programing language

Markdown markup language transpiler

Typescript, HTML, CSS

- https://github.com/mateuszkojro/markdown-parser

Basic Chess engine

Rust

- Design and implementation of original algorithm

Advanced 3D game using Three.js and WebGL tools

JavaScript, CSS, HTML

- JavaScript frameworks usage
- Graphics programming
- http://longleggedjohny.com

Simple relfex game

JavaScript ,CSS , HTML

- JavaScript frameworks usage

Google Chrome extension that changes words appearing on website

JavaScript

- Documentation usage
- Compliance with standards