

Mateusz Kojro

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Skills

DevOps	Linux, Git / Github, Docker, TravisCI
Back-end	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)

Education

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

Kierunek Informatyka Stosowana

Łódź

UNIVERSITY OF ŁÓDŹ - FACULTY OF PHYSICS AND APPLIED INFORMATICS

2019 - now

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

Physics Degree

Łódź

UNIVERSITY OF ŁÓDŹ - FACULTY OF PHYSICS AND APPLIED INFORMATICS

2020 - now

- Basic physics course

Google Nanodegree

Online

UDACITY

March 2017 - August 2017

- Java - creating mobile applications for Android

Experience

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

Bydgoszcz

SYSTEMS ADMINISTRATOR

May 2018 - April 2019

- Working stations 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

- Module of application used in patient registration w celu sprawdzenia aktualnego stanu ubezpieczenia w oparciu o SOAP API NFZ

Freelance Creating Website (Backend and Frontend)

Online

PROGRAMMER

June 2020 - now

- Creating and managing website for external company - managing servers and Google Cloud platform
- Multi-threaded www server and backend implementation using GO
- Frontend implementation using React.js framework and Typescript
- Website designing using client-server architecture
- <https://medicalpoland.pl>

Private Projects

Basic Neural Network library

C++

- Creating and managing projects that use CMAKE
- Implementation of simple neural network algorithms based on linear algebra and matrices

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://longleggedjohnny.com>

Simple relfex game

JAVASCRIPT ,CSS , HTML

- JavaScript frameworks usage

Simple transpiler Markdown-Html

TYPESCRIPT ,CSS , HTML

- State machine implementation

Google Chrome extension that changes words appearing on website

JAVASCRIPT

- Documentation usage
- Compliance with standards