



Filip Korus

Information and Communication Technologies student

EDUCATION

III Liceum Ogólnokształcące im. Adama Mickiewicza w Tarnowie

2018 - 2021

AGH University of Science and Technology

2021 - now

Information and Communication Technologies (ICT)

EXPERIENCE

CMS for Klich Football School (2020)

Content management system with admin panel written in PHP with two of my friends in 2020. It was made for local football school.

AGH Quality of Experience (QoE) Team - internship (2022-2023)

I joined the team in May 2022. My first task was to create Software-as-a-Service app to demonstrate how the multimedia quality measurement software (written in C) works without need to download it.

I developed it with Vue, Node and Docker.

Secondly, I made a Python package (installable with pip) which has the same purpose as the SaaS app - to demonstrate multimedia software our team created. During the internship, which concluded in July 2023, I enhanced my teamwork and time management abilities.

Software Developer Intern at Volvo Cars (2024)

Three months long internship during which I improved my C++ skills. My tasks consisted of implementing component tests using GoogleTest framework and maintaining the code of our CS modules. What is more, I created several Zuul jobs and Ansible playbooks to improve our CI/CD pipeline.

SKILLS

Node.js - I created a number of REST APIs with Express and ORMs like Prisma. During my journey as a member of AGH QoE Team I built SaaS app where Node was used in backend. Definitely, Node is the most remarkable technology I have ever learnt.

React - Created a few apps with user authentication and dashboard/live chat with Socket.io and Rest APIs.

Typescript - I use it in every React and Node project.

C++ - Applied C++ primarily for algorithms in High School and during the Basics of Computer Science course in my first semester at university.

Utilized C++ for maintaining CS modules during my internship at Volvo Cars, gaining hands-on experience with real-world applications in the automotive industry.

Java - Learned it at university during OOP course. I used it for developing simple GUI apps with loggers and database connections.

Python - I learnt it on my own by creating web scrapers, bots and many more. I used it during Algorithms course at university and internship in AGH QoE Team where I developed our pip package. One of my favourite languages.

SQL - Experienced with MySQL and PostgreSQL. I used them in several web apps and during database university course.

PHP - Started my experience with web dev with this language.

Docker - Used in several projects to deploy and run multiple instances of apps with load balancer.

Vue.js - I was learning it some time though I quitted it in favour of studying React.

Matlab - Used it for Digital Signal Processing and Numerical Methods courses at Uni.

IP networking - Understanding of IP networking concepts, protocols, routing and more.

SCIENTIFIC PAPERS AND CONFERENCES

"In the Wild" Video Content as a Special Case of User Generated Content and a System for Its Recognition - published in Sensors (MDPI), Feb 2023

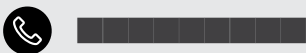
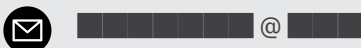
Wykrywanie trudnych do kompresji sekwencji wideo na podstawie obiektywnych metryk jakości - presented at KRiT, published in PRZEGLĄD TELEKOMUNIKACYJNY, Sep 2024

About me

I am an ICT student at AGH UST.

I am dedicated, hard-working person willing to soak up the knowledge and develop new skills. Most of my time learning software engineering has been spent in web development. I love learning about new things and generally speaking be active in my spare time.

CONTACT



 <https://www.linkedin.com/in/filipkorus/>

 <https://github.com/filipkorus/>

 <https://fkor.us>

HOBBIES

football

skiing

travelling

science in general

LANGUAGES

English - B2

Polish - native