

FRANKOWSKI PATRYK

front-end developer



SZCZECIN, POLAND



ENGLISH, B2
FRENCH, C1
POLISH, NATIVE



ABOUT ME

Actually I'm working as a **freelancer** on projects linked with programming, automation and web development. In each of the projects, during my studies and besides them, I came off as a person always willing to **develop knowledge** particularly in scientific branches never known before. For over a year I'm focusing on technologies related to **front-end development**. After I finished a bootcamp I made few websites and implemented a GUI based on **JavaScript** in the project I've been already working on. [Read more...](#)

CHECK ME OUT



EXPERIENCE

SINCE 05.20 FRONT-END DEVELOPER, FREELANCER

building **websites** according to clients preferences or based on own project ideas.

SINCE 08.19 AUTOMATIC SYSTEM DESIGNER, SZCZECIN

designing of an automated system managing watering of a fruit plantation based on weather prediction and state of vegetation. Designing and making technical drawings, 3D printing and PCB with electronics, programming the measuring system microcontrollers in **C#**, making a GUI based on **JavaScript**, **CSS**, **HTML**, constructing a wireless data- processing network between devices, database and GUI. Designing system and defining prediction algorithms using **Microsoft Azure Machine Learning Studio**. Managing the project, negotiating and contacting the customer.

11.18 - 03.20 MF SYSTEM MANAGER, POLAND/FRANCE

planning and managing the company structure with the purpose of future company development. **Supervising** construction works, **customer contact** and **negotiating** in Poland and in France (incl. Airbus France, TOTAL Petrochemicals, PSA Peugeot Citroën).

01.18 - 12.18 WORK COORDINATOR MF SYSTEM/CARGOTEC KALMAR, STARGARD

01.13 - 12.17 ARCHITECT ASSISTANT, ARCHICA, STARGARD



EDUCATION

01.13 - 12.17 WEST POMERANIAN UNIVERSITY OF TECHNOLOGY IN SZCZECIN

Faculty of Electrical Engineering, **Automatic Control and Robotics**

Academic degree: **master engineer**

Master thesis: *The study of selected AI algorithms to predict events based on meteorological data*

Keywords: prediction, AI algorithms, **Data Science**, **Machine Learning**,
Microsoft Azure Machine Learning Studio, PCB electronics

Final grade: 4.5/ 5



ABOUT ME CONT.

For over a year I'm working by myself creating an automated system which goal is to predict watering plan of a fruit plantation. I planned the whole wireless data- processing network from designing, drawing, 3D printing and building the measuring device with PCB and electronics to programming the device microcontroller and the GUI. In the same time I'm improving my knowledge about the *front-end technologies*. Within the bootcamp I learned the basics of **JavaScript, React, Redux, Thunk, HTML, CSS, SASS, GIT, NPM, API, Ajax, Bootstrap, Material UI** while doing a lot of projects under the supervision of a mentor. Since I've finished this course I'm still consolidating and also expanding my knowledge needed for the front-end developer post. In the future I'd like to begin learning new frameworks like **Angular, Vue.js** and some **backend** technologies.

During all my projects (particularly while studying) I always liked to start with technologies I didn't know before to have the possibility of constant self development and to get know with new branches of automatics, informatics etc. It helped me to gain experience in using programming languages such as: **C, C#, C++, Python, Java** building projects that used vision systems, **AI**, remotely controlled systems, machine learning algorithms, **Data Science** etc.

The experience I gained on the previous workplaces gave me the opportunity to learn how to properly **communicate with clients**, that means understanding his needs and proposing my own vision of handling the task at the same time. I have no problem in speaking in **English** and in **French**. I'm known as a person who knows how to work in a team and how to manage a team.

Privately I'm passionate about technical designing and drawing new devices and also 3D printing techniques. I like spending my time in DIY projects including electronics, mostly in order to automate daily activities. I appreciate the possibility of working remotely in flexible working hours, because as a work coordinator I learned how to perfectly organize my work.

I am associating my future profesional career with **web development** as widely understood IT branches because of the possibility of infinite exploring new technologies which at the same time kills the monotony in work and give the opportunity to continue **self development**.