

# JAN KIEREJSZA

## CONTACT

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<https://github.com/jankier>

## SKILLS

Ability to Work in a Team  
Strong Communication Skills  
Problem Solving Skills  
Fast Learner  
Microsoft Office  
SolidWorks  
AutoCAD  
HTML  
CSS  
JavaScript  
Python  
Git  
SQL

## COURSES

**IRC5 Programming I, ABB**  
Sep 2022, Warsaw  
**Autocad Level I, Procad S.A.**  
Jun 2021, Warsaw

## HOBBIES

Physics and astronomy  
Traveling  
Programming  
3D design  
3D printing  
Gaming

## PROFILE

Hardworking and enthusiastic College Student working towards a M.Sc. in Automation, Robotics and Industrial Computer Science. Seeking to use my experience as a member of a team in an international company and knowledge of programming languages, ability to work in a team and communication skills to effectively serve your company in an internship/junior position. Dedicated and committed to becoming a dependable and valuable team member as a fast learner with problem solving skills.

## WORK EXPERIENCE

### Mechanical Designer, ABB

SolidWorks | Excel | AutoCAD Oct, 2022-June, 2023 Warsaw

- Development of 3D models for mechanical components that met all design requirements and specifications.
- Constructed prototypes of mechanical components to test for fit, form, and function.
- Collaborated with cross-functional teams to ensure design solutions were feasible and cost-effective.
- Developed detailed drawings of components that included all necessary dimensions, notes, and tolerances.
- Generated bills of material to ensure all necessary components were included in the design.

### Production worker / Designer, 3DM Group

LightBurn | AutoCAD | Excel Nov, 2021-Jan, 2022 Warsaw

- Operated machinery to make products according to customer specifications and quality standards.
- Inspected products to ensure they meet quality standards, identifying defects and making corrections as necessary.
- Development of 3D and 2D models that met all design requirements and specifications.
- Consultations with clients regarding projects.
- Preparation of orders.

## EDUCATION

### Master of Science, Warsaw University of Technology

Oct, 2022-present Warsaw

Master's degree in Automation, Robotics and Industrial Computer Science at the Faculty of Mechatronics at the Warsaw University of Technology.

### Bachelor of Science, Warsaw University of Technology

Oct, 2018-Jun, 2022 Warsaw

Bachelor's degree studies in the field of Mechatronics in English at the Faculty of Automotive and Construction Machinery at the Warsaw University of Technology.

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## LANGUAGES

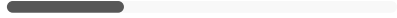
Polish



English



Russian



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## OWN PROJECTS

### Routly

React.js | Node.js | Express.js | MongoDB | CSS/Tailwind

Routly is my most recent application that is still in development. App allows the user to create account and design their own routes on the map by drawing them, adding them to favorites and share them with other people. App uses Google Maps API to access dynamic, interactive, and deeply customizable maps and all necessary tools such as Google Routes API and Roads API in order to find perfect route, calculate estimated time and distance of the path as well as the ability to draw shapes on the map.

### SpotifyToYoutube

React.js | Node.js | CSS/Tailwind

Playlist converter app is an application that makes use of two most popular music streaming platforms currently used by customers (YouTube and Spotify) and combines their APIs and OAuth 2.0 verification of the user in order to get access to their accounts for the purpose of performing necessary actions. All this allows freely transfer of the playlists between the two providers with addition of customizing the playlist, ability to listen to snippets of the songs and selecting the name of the newly created playlist.

### Nutrition table detection App

Python | Numpy | Pandas | OpenCV | Keras | PySimpleGUI

Machine learning project consisting of three main elements: preparation of image related data, development and training of deep neural network and visualization of results with created GUI. App's main task is to detect nutrition table on the image of products inputted to the application by the user.

### Weather App

React.js | CSS

App obtains current location of a user with use of a Geoapify API and displays the weather in user's city of staying by communicating with OpenWeather API. Additionally app allows the user to insert city of choice and based on the input returns current weather in that location with depicted prognosis.

### Todo list App

JavaScript | HTML | CSS

Website allows user to create a list of tasks to do, delete them, mark as done and also utilizes LocalStorage feature to store elements inputted by the user even after page refresh.

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