

Bartosz Glowacki

Software Engineer

CONTACT ME



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Gronowo Gorne, Poland



bartosz-glowacki-kcl

LANGUAGES

Polish - native
proficiency

English - full professional
proficiency

Spanish - intermediate
proficiency

WORK EXPERIENCE

Voluntary working with Grupa Wodna as a younger instructor on summer camp in Poland. Led two teams of 6 children each. Developed and implemented educational, whereas fun activities. Received a positive feedback from parents and supervisors.

2022

PROFILE

I am looking for a role in software development where I can use my skills and develop them further. I am ambitious and my strong technical knowledge enables me to work with a wide variety of clients. I am a member of many societies at College to deepen my knowledge in: data science, Tech, Robotics. Recently, I have advanced also an Artificial Intelligence specialist in the AI society.

EDUCATION

II HIGH SCHOOL OF KAZIMIERZ
JAGGIELONCZYK IN ELBLAG

Matura exams, subjects on extended level: English 98%, Maths 96%, Physics 95%
2019 - 2023

KING'S COLLEGE LONDON

Bachelor's in Computer Science with Management

2023 - present

SKILLS

- Python (Django), C++, Java, basic SQL, assembly with arduino
- Data structures and sorting algorithms implemented with Java
- Front-end web Development (HTML, CSS)
- Machine Learning models and implementation in Python
- Deep learning using TensorFlow library: CNN, ANN, Computer Vision
- Solving LeetCode algorithmic problems

PERSONAL SKILLS

- A good leader: demonstrated by managing multiple group works at Collage that received a very positive feedback
- Ambitious and responsible
- Well-organized, conscientious
- Communicative, beneficial while working in groups
- fast, self learner
- Logically thinking
- Paying high attention to details

COURSES

- Machine Learning A-Z Python Course on Udemy portal

As a part of this course I developed many classification, regression and clustering models. I also received a full mathematical and logical background behind models like: decision tree, random forest, association rule learning, naive bayes, svm, reinforcement learning and others.

- Currently undertaking: Tensor Flow for deep learning bootcamp

HOBBY

- Chess - head of High School chess club (organizing trainings and tournaments, preparing announcements)
- Creating rap music in FL Studio.
- Solving Rubik's cube puzzle on time.

PROJECTS

Webapp AirProject - Python Django

- I created a webapp using python django framework where a user can log in as airline / airport manager, worker, passenger and others. Database with MySQL contains numerous entities and relationships. App provides such functionality as: buying tickets, creating flights, assigning tasks to workers, viewing flights and much more. App exhibits a high understanding of the django structure and database connectivity.
- Front-end uses HTML and CSS with some elements of JavaScript. Styling is supported by bootstrap and crispy forms.

Model predicting Titanic survival - ML

- Based on input data (age, ticket type, ticket price, and others), model using decision tree classifier with accuracy exceeding 90%, predicts likelihood of Titanic disaster survival, employing real database.
- Usage of Pickle library to save and load model.
- Usage of libraries like Scikit-learn, Pandas, Numpy and Mathlib.
- Usage of Streamlit library to create a user friendly input environment.

CRUD back-end application - Python Django

- I created a simple web application in Python using Django framework. App works with default Django database and is capable of registering and logging in users, creating data, reading it, updating and deleting form system. App is hosted using Python Anywhere, the link to the webpage is here:
<https://bartek1301.pythonanywhere.com/>

Simulation made using - Java

- Simulation is showing a field with cells of different types changing each generation according to many rules. App exhibits understanding of programming GUI using JavaFX library.
- Projects shows deep understanding of Java language, object-oriented programming. It exhibits high level of cohesion, loose coupling and can easily be expanded with new cells and features.