Łukasz Bastyniec

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Technical skills

**Languages**: Python, JavaScript, TypeScript, HTML, CSS, Java, C++

**Technologies**: React, Angular, TensorFlow, Keras, Docker, Kubernetes, Google Cloud Platform, NumPy, Pandas,Fast Api, Linux, Git, Sci-kit Learn, Matplotlib, Redis, PostgreSQL

Work Experience

**LearnProgramming.Academy**

| Python teaching assistant - part time | July 2021 - May 2022 |
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* Creating course content
* Solving student’s technical problems
* Explaining programming concepts
* Debugging and reviewing students code

**Digimonkeys.com**

| Python Backend/Machine Learning Developer | May 2022 - Present |
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* Building and training machine learning models in TensorFlow
* Building APIs for machine learning models and deployment on GCP
* Building tools for data labeling and scraping in JS, Angular, Python, FastApi

Self-study projects

| [GROI](https://github.com/lukbast/groi-client) | *JavaScript, React, Express, MongoDB, Redis, Heroku, Mapbox* |
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* Full stack web application project of local announcements.
* Consists of web client, back-end API and no-SQL back-end database.
* Implements authentication system using JWT with session caching on server side with Redis. Two factor authentication during critical operations on user accounts.

| [CRWN clothing](https://github.com/lukbast/crwn-clothing) | *JavaScript, React, Express, Heroku, Google Firebase, Stripe API* |
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* Front-end project of E-Commerce website

| [Food detector](https://github.com/lukbast/food-detector) | *Java, Android Studio, Python, Flask, TensorFlow, NumPy, GKE, Docker* |
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* Native Android application that detects food based on its photo
* Multiservice architecture deployed with Kubernetes on Google Cloud platform.
* Leverages lightweight deep learning machine learning image classification model. Model was trained and evaluated on the Food 101 dataset with a score of 84% accuracy.

| [SkimLit](https://github.com/lukbast/tensorflow/blob/main/10_SkimLit.ipynb) | *TensorFlow, NumPy, Pandas, Matplotlib, NumPy, Ski-kit- Learn* |
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* Natural Language Processing ML model that simplifies reading of PubMed ‘s medical abstracts.
* Model is trained and evaluated on the PubMed 200k RTC dataset with a score of 86% accuracy.

Education

| Higher School of Business in Bydgoszcz | Bachelor of Computer Science in Business |
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| *2019 - 2022* | *Related coursework: database systems, software engineering, networking, InfoSec, web development, business needs analysis, IT project management* |