Albert Święcicki
albertswiecicki@gmail.com

Education:

10.2015 – 02.2019
Wroclaw University of
Science and Technology
Wroclaw, Poland

Bachelor of Engineering in Computer Science
Specialization: informatics in medicine
Finished with **the highest grade on the diploma.**

During studies, an active member and a **vice-leader** for a semester of a students' scientific association (medical.ml) focused on **deep learning computer vision** applications in the medical domain.

Experience:

09.2022 - present
Thailand

Self-studies

Developing passions (like memorizing 2048 pi digits). Learning how to share knowledge and become a great teacher.

09.2021 - 09.2022
Amazon, Gdańsk, Poland

Software Developer Engineer

Developing and deploying state-of-the-art **machine-learning** based **text-to-speech** solutions. Working on every step of product creation, from dataset preparation, model architecture design and implementation, training, testing, optimization, and deploying to edge devices.

- Designed team's **MLOps** infrastructure (and implemented a significant part of it) based on AWS services (**CDK**, **ECR**, **SageMaker**, **StepFunctions**, Lambda, S3, and many others), and open-source projects like **MLflow**. Reduced team's AWS month-to-month expenses **by over 50%**.

04.2020 - 08.2021
Mexico / Poland

Gap year

Learning Spanish while on a six-month "quarantine" in Mexico. Traveling, devouring books, preparing for endurance races, and dealing with personal matters.

03.2019 – 03.2020
Duke University, Durham, US

Associate In Research

Responsible for end-to-end realization of **machine learning** related projects, including study design, data gathering and processing, model creation and deployment, gathering and analyzing results, and writing publications.

- **Conducted research** on abnormality detection in the domain of digital breast tomosynthesis resulting in publication in "Scientific Reports".

- **Conducted research** on an appliance of **deep learning** into an automatic assessment of knee osteoarthritis degree resulting in publication in "Computers in Biology and Medicine".

02.2018 - 12.2018
Nokia, Wroclaw, Poland

Machine Learning Specialist

Member of a team responsible for designing and deploying processes of efficient hardware logs collection and their analysis.

- **created NLP-based software** to classify software issues tickets based on issues' descriptions and to redirect them to the responsible teams.

- **developed a backend** of a service responsible for storing and displaying statuses of smoke and acceptance tests.

11.2017 - 02.2018
Nokia, Wroclaw, Poland

C++ software developer

Member of a team responsible for developing and maintaining base transceiver stations' software.