

Albert Świącicki  
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[Google scholar profile](#) / [Reference letters](#)  
**Python / C++ / MLOps**

## 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  
Asia

### Educational content creator

Running a "[blog](#)" focused on preparation for coding interviews. Last month, I expanded my following audience by 7,500 tech enthusiasts, reaching almost a million users. I am currently focused on preparing high-quality educational materials and an educational platform. I teach people 1-on-1 advanced Python, MLOps, and algorithms.

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, including: 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%**.

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.