

Michał Bocian

Python Developer

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ABOUT ME

I am a graduate of Automation and Robotics at Wrocław University of Science and Technology. The University was the first place where I was learning programming languages like C, C++, and Java. I know basics of Android programming. I made PC remote controller and that application was my Engineer's Thesis. Even though I've studied Python before, my full-time experience with that was at the Nokia Summer Internship, and later as a Working Student.

I was working in a three-man team. Work in the company teaches me how to estimate time, search for information, discuss with the team, and rest effectively. Privately, I am fascinated by photography. Sometimes I work as an event photographer but portraits are my biggest part of interest.

WORK

• Python Working Student / 01.2019-12.2020

Nokia Solutions and Network

Python3, Django, PySide2, TextX, HTML, CSS, JS

A major task was to develop a tool able to generate a Gantt Chart of machine startup tasks. I was responsible for the core functionalities:

IMS Query Engine,
Faust To Query Translator,
State Diagram Loader,
Gantt Diagram Generator,
Releasing package to Artifactory

I was responsible for building the web app for that project. I build a GUI app for that tool, and my own plantUML State Diagram Parser. Also, I was maintaining plantUML parsers, and minor helping tools.

• Summer Trainee / 07.2018-09.2018

Nokia Solutions and Network

Python3

Developing parser for old word documents with .dot extension, that was too big to open in Word Desktop App. Our task was to develop a tool that distinguishes specific data from those files, takes care of corner cases, and later gets diffs from versions of extracted data. The project was managed in the scrum methodology.

SKILLS

- **Programming languages:** Python, Java, JavaScript, C++, C, LAD, STL
- **Web technologies:** HTML, CSS, Django
- **Others:** Design Patterns, GIT, Unittest, PySide2, Matplotlib, TextX, Android, PyQt, Django REST framework, ROBOT, Bash, Linux, Windows

EDUCATION

• Computer Engineering / 2021-Present

Master's Degree, Wrocław University of Science and Technology

Spec: Internet Engineering

• Automation and Robotics / 2016-2020

Bachelor's Degree, Wrocław University of Science and Technology

Spec: ART - Informational Technologies in Automatic Systems

• Mechatronic Technician / 2012-2016

Technical School in Turek

PLC Programming, CNC, Electric Machines, Pneumatic/Hydraulic Systems

LANGUAGES

- Polish - Native, English - B2.2, German - A1.2

CERTIFICATES

- Robots PLC Programming
- International Meeting of the Vocational Partner Schools
- Kaufmännisches Berufskolleg Walther Rathenau / May 2015 May 2014
- Cars Electrics and Mechatronics Course
- SEP eligibility up to 1kV
- B, A2 Driver Licence

ACTIVITIES / INTERESTS

- Photography
- Volleyball

STUDENT ACTIVITIES

- **TVS STYK:** CMO, Cameraman, Editor, Photographer
- **Student Council:** Photographer