

# 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 of Engineering, Wrocław University of Science and Technology

Spec: Internet Engineering

### • Automation and Robotics / 2016-2020

Bachelor of Engineering, 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