

DOMINIK STEINHAUSER

FULLSTACK DEVELOPER

I am an enthusiast for AI and computer vision always looking for new challenges.



Brno University of Technologies

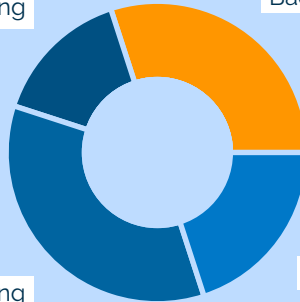
I like to work in agile teams following IT development best practices like clean code, code reviews, testable code etc. allowing as to feel productive and make a positive impact.

FOREIGN LANGUAGES

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|--------------|
| English (B2) |
| Spanish (B2) |
| German (B1) |

Image processing

Backend



Machine learning

Frontend

LANGUAGES AND TECHNOLOGY

| | |
|------------|--|
| Python | |
| React.js | |
| C/C++ | |
| Docker | |
| Tensorflow | |
| Docker | |
| Ansible | |
| Selenium | |
| Git | |

My biggest joy in programming is refactoring and removing old unused code.

FUNGUS APP



Google Play

I started a start up specializing in image recognition. We are developing an application that classifies mushroom species based on the image and other metadata. The team currently has 3 members.

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| 10s of TB analyzed |
| Advanced AI |
| High availability |
| 1 request per second |

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|----|-------------------------------|
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EXPERIENCE AND EDUCATION

2021

Experience Projects Education

June 2020 Computer vision engineer
SANEZOO

March 2019 Founder and Developer
Fungus app

February 2019 Software Engineer
Vacuumlabs

January 2018 Programmer of Computer
IXPERTA

August 2017 Python programmer
IXPERTA

May 2017 Ing. Graduation
BUT

March 2017 Developer
Mushroom Identification app

June 2015 Hardware programmer
Codasip

May 2015 Bachelors's Degree
BUT

June 2014 PHP Programmer
Bestone Service

2014

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|------------------|---|-----------------------------------|
| 6/2020 – Present | Sanezoo Unity I was working on creating complex AI driven system for visual QA in industry. My responsibility was creation and optimisation of the core component, that integrated our algorithms to a product deployable to the customers. C++ / Tensorflow | Sanezoo |
| 2/2019 – present | Fungus App I created a mobile app that identifies mushrooms based on image. It has more than 300,000 downloads now. Python / React native / Tensorflow | My project |
| 2/2019 – 3/2020 | StockTwits.com As a part of a four-member frontend team I was working on the development, maintenance and refactoring of a social network dedicated to the Stock Exchange. Apart from developing new features we significantly improved the code quality. React / Cypress | Vacuumlabs, Stocktwits.com |
| 5/2018 – 2/2019 | Industrial Vision startup As a backend team, we were creating a new system of visual quality control in the industry. The system had to be highly reliable as the whole production line was stopped when an error occurred. I was responsible for the computer vision part; doing pre-sales experiments, and integrating and tweaking existing image processing algorithms. Docker Swarm / Ansible / Microservices architecture / Tensorflow / Python | Ixperta |
| 12/2017 – 4/2018 | Škoda Auto testing I was leading a team of three engineers. We were responsible for creating a testing framework for a team of 20 manual testers to be able to create and manage test cases in a web UI. Real cars, car parts, simulators and the company web application were connected to our system. We were fully responsible for the design of the product, selected technologies and dev- ops. I was responsible for the communication with the customer and addressing their feedback to develop an application to match their needs. I also trained the manual testers and saved them many hours of the most monotonous work every day by allowing them to concentrate on more sophisticated test cases. Python / Selenium / PostgreSQL / Docker | Ixperta, Škoda Auto |
| 6/2017 – 12/2017 | Screenix We were a team of four engineers. We created a tool for checking sanctioned people and organizations to comply with Czech international business law. There are public lists of terrorists, authored by the UN, governments and ONGs, that are organized in many different ways, each providing quite limited information. We had to tackle the fuzzy nature of the problem as many sanctioned subjects used different pseudonyms; and information was uncertain, incomplete, and possibly faked by the checked business partners. Python / Docker | Ixperta, Agrofert |