

# Lukáš Forst

SOFTWARE ENGINEERING STUDENT · SOFTWARE ENGINEER · TECH LEAD

Mrákov, Pilsen region, Czech Republic

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## Education

### Faculty of Electrical Engineering, Czech Technical University in Prague

Prague, Czech Republic

BACHELOR DEGREE IN COMPUTER SCIENCE, OPEN INFORMATICS PROGRAMME

2016 - PRESENT

- Study major in Software, minor in Artificial Intelligence
- Focused on software engineering
- Hired by spin-off university start up as a software engineer in second semester
- Passed multiple courses with focus on artificial intelligence, game theory, databases, data structures, algorithms, software engineering and functional as well as object programming

### General Secondary School Jindřicha Šimona Baara v Domažlicích

Domažlice, Czech Republic

GENERAL SECONDARY EDUCATION

2010 - 2016

- Graduated from Math, Czech language, English and Computer Science with average 1.0

## Experience

### Blindspot Solutions s.r.o.

Prague, Czech Republic

SOFTWARE ENGINEER

June 2017 - PRESENT

- Core member of the team (3 people) developing factory production optimization engine for major Europe car manufacturer.
- Responsible for projects integration to the client's infrastructure and flawless communication with legacy systems and various types of databases
- Developed custom Kotlin written solution for communication between SAP HANA database and in-house optimization engine.
- Core member of the team (3-6 people) that developed state of the art optimization inspector scheduling solution for major Chinese auditing company.
- Lead engineer on project which aimed to deliver custom solution for integration of in-house chat bot engine into autonomous humanoid robot Pepper.

### APM Automotive s.r.o.

Kdyně, Czech Republic

IT ASSISTANT

June 2016 - September 2016

- Development of C# based programme which exported/converted the list of individual stock items from xlsx to the html file and enabled instant web search for photographs of the items and simplified the stock keeping process.

## Skills

**Programming** Kotlin, C#, JAVA, SQL, Python, JavaScript, Android Development

**Frameworks** Spring Boot, Spring, Hibernate, .NET & .NET Core, Entity Framework

**Technologies** Oracle 12c Database, SAP HANA, PostgreSQL, Sharepoint, REST, GraphQL, Azure, AWS, Enterprise Architect

**Languages** Czech, English

**Other** Linux, Windows, Android, Pepper, Scrum, Agile, LaTeX, Driving License

## Extracurricular Activity

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### Robot Pepper Training

*Softbak Robotics, Paris, France*

PARTICIPANT

*March 2018*

- Gained expertise in robot Pepper programming and development
- Member of international team sent by Slovak branch of world-wide consulting company Adastra

### Swiss Talent Forum

*Bern, Switzerland*

PARTICIPANT

*April 2017*

- Member of the international team working under Sensirion company mentor on a new hardware sensor design

## Honors & Awards

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### DOMESTIC

2016	<b>3rd place</b> , SOČ - Nation wide competition of Student Professional Activities, Computer Science category	<i>Hradec Králové, Czech Republic</i>
2016	<b>1st place</b> , SOČ - Region wide competition of Student Professional Activities, Computer Science category	<i>Pilsen, Czech Republic</i>
2016	<b>2nd place</b> , Technická Olympiáda - Region wide competition in engineering	<i>Pilsen, Czech Region</i>