

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
- Currently working on my Bachelor Thesis 'Design and implementation of a scalable server for parallelization of optimization algorithms execution'

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 European 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.
- Reference - Štěpán Kopriva (CTO), stepan.kopriva@blindspot.ai | Petr Zelenka (Software Architect) - petr.zelenka@blindspot.ai

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

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

DOMESTIC

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