Munich, Germany

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Andrei Badoi

Software Engineer

EDUCATION

MSc in Computer Science — Technical University of Munich, Munich, Germany

October 2017 – April 2021

- Thesis title: "Using machine learning to predict software vulnerabilities in low-level code"

BSc in Computer Science — Jacobs University Bremen, Bremen, Germany

September 2014 – June 2017

- Thesis title: "Access control on massive datacubes"
- Research Assistant in a big data project.
- Teaching Assistant for a course that gives a broad introduction to Computer Science for non-CS students.

PROFILE

Algorithmic thinking with a strong background in computer science and mathematics.

During my previous work experience I proved myself being tenacious, open-minded and friendly. Motivated by passion with a strong will to climb the success ladder.

WORK AND EXPERIENCE

SOFTWARE ENGINEER — Siemens, Munich, Germany

May 2020 – December 2020

- Partnership work on developing my Master Thesis project.

SOFTWARE ENGINEER — Pentland Firth, Munich, Germany

January 2019 – May 2020

- Worked as a Software Engineer student throughout my Master's degree.
- Built a recipes recommender system for the Easy Shopper, an intelligent shopping cart for supermarkets.

SOFTWARE ENGINEER INTERN — Microsoft, Redmond, WA, USA

August 2019 – November 2019

- 3rd time intern working on Microsoft Endpoint Manager.

SOFTWARE ENGINEER — NavVis, Munich, Germany

January 2018 – July 2018

NavVis develops innovative hardware and software to map, navigate, and digitize the indoors.

- Worked on the Android application for indoor navigation.
- Improved the map processing algorithm.

SOFTWARE ENGINEER INTERN — 360T | Deutsche Börse Group, Frankfurt, Germany

June 2016 – September 2016

- Implemented web-applications within a distributed computing environment which resulted in an improvement of handling events from the database.

TECHNICAL SKILLS

Advanced: C/C++, C#, Java, Python

Intermediate: JavaScript, TypeScript

Basic: NoSQL/SQL, bash, PHP, Standard ML, R

Databases: MogoDB, PostgreSQL, MySQL

Tools: Docker, Git, SVN, Maven, Gradle, LaTeX, OpenCV

Frameworks: .NET, Spring Boot, ASP.NET, Android Studio, ReactJS, AngularJS, ionic

LANGUAGES

English – Fluent

German – Working Knowledge

Romanian – Native

OTHERS

NATIONALITY: Romanian

DATE OF BIRTH: 11th of July 1995