

# Andrei Badoi

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## CONTACT

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## PERSONAL INFORMATION

- Nationality : Romanian
- Date of birth : 11 July 1995
- Languages : Romanian (native), English (fluent), German (working knowledge)

## EDUCATION

**MSc in Computer Science** October 2017 — Present  
Technical University of Munich, Munich, Germany

**BSc in Computer Science** September 2014 — June 2017  
Jacobs University Bremen, Bremen, Germany

- Completed BSc. in Computer Science.
- Research Assistant in a big data project.
- Teaching Assistant for a course that gives a broad introduction to Computer Science for non-CS students.

**Mathematics and Intensive  
Computer Science** September 2010 — June 2014

"Alexandru Lahovari" National College, Ramnicu Valcea, Romania

- Completed high school, emphasis on Computer Science and Mathematics

## WORK EXPERIENCE

**Siemens, Munich, Germany** May 2020 — December 2020  
Software Engineer

- Partnership work on developing my Master Thesis project: "Using machine learning to predict software vulnerabilities in low-level code"

**Pentland Firth, Munich, Germany** January 2019 — May 2020  
Software Engineer

- 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.

**Microsoft, Redmond, WA, USA** August 2019 — November 2019  
Software Engineer Intern

- 3rd time intern working on Microsoft Endpoint Manager.

**NavVis, Munich, Germany** January 2018 — July 2018  
Software Engineer

**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.

**360T | Deutsche Börse Group,  
Frankfurt, Germany** June 2016 — September 2016  
Software Engineer Intern

- 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
- Basic: NoSQL/SQL, bash, PHP, Standard ML, R
- Tools: Docker, Git, SVN, Maven, Gradle, LaTeX, OpenCV
- Frameworks: .NET, Spring Framework, ASP.NET, Android Studio, AngularJS, ionic