



Zsanett Jakab

📍 Cluj-Napoca, Romania

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🌐 github.com/zsanett28

🎓 Education

Master of Advanced Information Systems: Modelling, Design, Development | present
"Babeş-Bolyai" University of Cluj-Napoca - Faculty of Mathematics and Computer Science, German line

Bachelor of Business Computer Science | 📅 Oct 2018 - July 2021
"Babeş-Bolyai" University of Cluj-Napoca - Faculty of Economics and Business Administration

University of Bayreuth | 📅 Aug 2018
Summer University for Intercultural German Studies

💼 Work Experience

Programmer at MHP - A Porsche Company | 📅 March - present

- Maintaining a **User Management** application using **Java** and **SQL**
- Participating on trainings
- Collaborating with a hardworking team

Internship at MHP - A Porsche Company | 📅 July - Sept 2021

- Developing an **Event Manager web application** with another 4 enthusiastic students using the following technologies: Java, Spring, PostgreSQL, Angular, HTML, CSS/SCSS, Typescript, JavaScript, AWS, Firebase, PWAs, Git

Internship at Accenture company | 📅 Mai - August 2020

- Studying algorithms -Dijkstra, Genetic, A Star
- Working on a **Railway Optimization System project** - develop a **Java Swing** desktop application

Projects

Sudoku Game

- Java Swing desktop application
- Play a 6x6 or 9x9 Sudoku game on easy, medium or hard level

Prediction of obesity level

- Machine Learning project to predict the obesity level of persons based on their lifestyle habits
 - creating visualizations, analysing and preparing data for ML models

Thesis website

- website for graduating students and professors at UBB Faculty of Economics and Business Administration Hungarian Institute
 - implementing log in and other activities in user accounts
 - using MySQL, PHP, JavaScript, HTML, CSS

Languages

Hungarian
Romanian
German (C1)
English (B2)

Technical skills

- **Programming skills:** Java, Python, SQL, JavaScript, Typescript, Angular, HTML, CSS/SCSS, Spring, C++/C
- **Data Visualization:** Tableau, Power BI, Grafana, Matplotlib

Research

WLCP Solver project

- improving my diploma thesis project and continuing my research on weighted linear complementarity problems
- being part of EME (Transylvanian Museum Association) research group

Soft skills

Excellent communication skills, gained through:

- **volunteering at a festival in Germany:** improve my German, work in a team with other volunteers

Problem solving and teamwork skills by:

- participating in **case study competitions:** finishing **5 out of 75** with my team at SU Real Life Competition, 2021

Planning, implementing learning and **being cooperative** through:

- completing the **pedagogic modul**

Interests

- Finding creative and effective solutions for problems
- Learning new skills
- Completing DIY projects
- Sport
- Music, design, art