

Mihai Boroș

SOFTWARE ENGINEERING STUDENT

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Skills

DevOps	GIT
Back-end	REST API, MongoDB, Firebase
Front-end	HTML5, CSS
Programming	JavaScript, Python, JAVA, Scala, C++, SQL, NoSQL, LaTeX
Languages	Romanian - native, English - C2, French - A2, Portuguese - A1

Experience

Huawei

Bucharest, Romania

RADIO FREQUENCY ENGINEER

Jul. 2020 - Jan. 2021

- Learned the basic theory and operation modes of 2G/3G/4G/5G networks.
- Was a core team member within a 5G network optimization project.
- Prepared reports on 4G LTE network operation parameters.
- Gained knowledge of 5G NSA and SA architecture.
- Gained 5G network troubleshooting abilities.
- Gained KPI analysis abilities.

University of Groningen

Groningen, Netherlands

RESEARCH ENGINEER

Jul. 2019 - Sep. 2019

- Worked within an international Molecular Dynamics research group and implemented a thermostat algorithm in C++.
- Learned the basics of Dissipative Particle Dynamics.
- Made use of computational clusters and ran simulations on molecular systems.

BEST Bucharest

Bucharest, Romania

VOLUNTEER

Oct. 2018 - Ongoing

- Organized and coordinated events for international students.
- Organized and coordinated local events such as EBEC, BESTEM, The BEST Run.

Projects

Portfolio

For a constatly updated list of projects please visit my website at <https://borosmihai39.github.io/portfolio/> or my github at <https://github.com/borosmihai39>

Web Applications

- PoliGag
- Infinite Scroller
- Portfolio Template
- TailwindCSS Template Manipulation
- Joke Teller
- Picture in Picture
- Quote Generator
- To Do List

Android

- WriteR, final diploma project
- FriendlyChat, android live chat

Other

- GROMACS Algorithm with C++
- FPS Shooter in Unity
- Credit Card Defaulters using Scala, Spark, Hadoop
- Exploratory Data Analysis using Python
- Business Intelligence Solution using Python ML, ETL, PostgreSQL

Education

UPB(Politehnica University of Bucharest)

MSC IN SOFTWARE ENGINEERING

- Focus on Web Development, Programming Paradigms, Big Data, Game Development, Operating Systems

Bucharest, Romania

Sep. 2020 - Jul. 2022

UC(University of Coimbra)

MSC IN SOFTWARE ENGINEERING

- ERASMUS+ scholarship, focus on Data Management Systems, Business Intelligence, Business Process Management, Ubiquitous Systems

Coimbra, Portugal

Feb. 2021 - Jul. 2021

UPB(Politehnica University of Bucharest)

BSC IN ELECTRONICS, TELECOMMUNICATIONS AND INFORMATION TECHNOLOGY

- Focus on Electronics, Mathematics, Physics, OOP

Bucharest, Romania

Sep. 2016 - Jul. 2020

Extracurricular Activity

IBM MIXIN WORKSHOP

PARTICIPANT

- Completed the workshop and learned the basics of React and various backend tools.
- Deployed a web application created with React/NestJS/MongoDB/Axios.

Bucharest, Romania

Dec. 2019 - Dec. 2019

Museum of Natural Sciences

TRANSLATOR

- Translated from EN-RO and from RO-EN to foreign scientific conference attendees.

Galati, Romania

Nov. 2016 - Dec. 2016