





BOMHER SEBASTIAN

SOFTWARE ENGINEER

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ABOUT ME

Hi, I'm Sebastian, a driven software engineer based in Romania with 3 years of experience in the industry. With a passion for technology and a strong understanding of programming languages such as Java, Python, and C#, I have a proven track record of developing high-quality software applications.

LANGUAGES

ENGLISH 

ROMANIAN 

LINKS

LinkedIn:
<http://linkedin.com/in/bomher-sebastian-8954ba192>

Portofolio:
<https://bomher-sebastian.netlify.app/>

Github:
<https://github.com/SebiBomher>

PUBLICATIONS

VEHITS 2023
Apr 2023

On the Adjacency Matrix of Spatio-Temporal Neural Network Architectures for Predicting Traffic

In this paper we present several traffic forecasting experiments for which we use three spatio-temporal neural network architectures which were very recently introduced: the GC-LSTM model (Chen et al., 2022), the DC-RNN model (Li et al., 2018) and the ST-GCN model (Yu et al., 2018).

[Link to Paper](#)

May 2023 - May 2023

WORK EXPERIENCE

DELL TECHNOLOGIES
Bucharest
Sep 2021 - Present

Software Engineer 2

- Develop software in Java Spring Boot as well as C# MVC for backend processing of data and integrating Swagger API for the endpoints used to be used by business side and downstream applications.
- Create unit tests for backend applications to ensure functionality is maintained as well as keeping a higher code quality.
- Integrate database technology such as Oracle and Mongo DB with backend API, create queries in SQL and Mongo query to extract relevant data efficiently and cleanly.

OPEN DIGITAL SERVICES
Bucharest
Oct 2020 - Aug 2021

.Net Software Developer

- Develop a new web-based medical project using C#, ASP.NET MVC, Bootstrap, and JQuery based on an existing desktop application.
- Maintaining and developing medical desktop applications using WinForms and VB.Net.
- Create and debug stored procedures in MSSQL. Analyzing and creating queries as well as using the profiler to identify queries bottlenecks and to improve query performance.

LISTAFIRME.RO
Bucharest
Dec 2019 - Sep 2020

Junior Web Developer

- Using .NET Framework with C# as well as VB.NET for legacy applications.
- Impleneted webforms, winforms and console applications.
- Use of CSS, Bootstrap, Javascript/Jquery and their plugins for user interaction, design and a good user experience.

EDUCATION

UNIVERSITY OF BUCHAREST, FACULTY OF COMPUTER SCIENCE
Bucharest
2021

Masters Degree


- Machine Learning
- Natural Language Processing
- Computer Vision
- Exploratory Data Analysis

UNIVERSITY OF BUCHAREST, FACULTY OF COMPUTER SCIENCE
Bucharest
2019

Bachelor's Degree

- Web Application Development
- Advanced Programing Techniques
- Data Structures & Algorithms
- Artificial Intelligence

SKILLS


JAVA 

.NET 

PYTHON 

MACHINE LEARNING 

JAVASCRIPT (PROGRAMMING LANGUAGE) 

SQL SERVER 

REACT 

CSS/BOOTSTRAP 