

PERSONAL INFORMATION



Diogen Babuc

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 WhatsApp, Instagram, Facebook Messenger Diogen Babuc

Sex Male | Date of birth 30/06/1999 | Nationality Serbian

JOB APPLIED FOR
POSITION
PREFERRED JOB
STUDIES APPLIED FOR

Internship

WORK EXPERIENCE

From 21.02.2022

Teaching Assistant of Graphical User Interface, Web Technologies, Programming III, Web Design, at the Faculty of Mathematics and Computer Science, West University of Timișoara

- Make class and student analysis
- Participation in teaching meetings
- Give support to the students
- Manage class priorities
- Evaluate students

EDUCATION AND TRAINING

From 28/09/2018 to 17/07/2021
From 27/09/2021

Degree Student
Master Student

- Knowledge of Python, C++, Java, SQL, PL/SQL, SQLite, R, Hadoop, Spark, Dataproc Cluster, Computers Networking, WebView, Software Engineering, Web Technologies, Flask, Streamlit, Git
- Knowledge of Artificial Intelligence models, Data Structures processing
- Full Stack projects, IDEs, Machine learning libraries, Big Data libraries, Statistical modules, Bioinformatics Tools, Data Mining

From February to July 2020

Software Developer at Nokia, in Timișoara, during the Collective Project

- Implementation of an application which detect real time data about a PC server
- Leader of a team with three members
- Using Python, Software Engineering ideas, Web Technologies, Flask, SQLite Database
- Testing the application on three different Operating System and making in responsive

From July to August 2020

Full Stack Developer at Signal, Image Processing, and Machine Learning Team Timișoara during the Computer Science Practice Stage

- Creating, developing, and testing an Artificial Intelligence erudite and trilingual chatbot
- Insure support for task management
- Insure accessibility of the application on Web and on Mobile Devices
- Collaborate with the affiliated organizations
- Collaborate with the coordinator responsible for the task
- Making reports and analysis
- Participation in meetings

PERSONAL SKILLS

Mother tongue(s)

Romanian Language, Serbian Language

Other language(s)

English Language

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C2	B2	C1	C2
Common European Framework of Reference for Languages				
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Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

Good communication skills gained through my experience as a student.

Organisational / managerial skills
Job-related skills

Leadership (responsible for a team of 3 members in various projects at the faculty)
Software development, implementation, testing gained at the Summer Internship

Computer skills

Good at the computer improvisations

Other skills

Good at writing texts (especially in Serbian)

Driving licence

B1, B, M

ADDITIONAL INFORMATION

Publications	Books: Kartagina , KOV, Vršac, 2018; Skladište , Nova Poetika, Belgrade, 2023. Short stories and poems published in the literary magazine Kovine, Vršac, and Mladi Dani, Vrbas.
Presentations	Scientific Session, 15th Conference of the Hellenic Society for Computational Biology and Bioinformatics HSCBB21, Athens: Machine Learning Models Comparison on Integrated Clinical and Genomic Datasets. CS3 Scientific Session, Timișoara: Scientific Elements of a developed Chatbot
Projects	XAIBOT: Trilingual AI Chatbot , Real time data of a server with notifications, Experimental analysis of some data structures, AI usage for constructing a GPS System for Galicia's territory using A*, DFS, and other algorithms. Expert system for making a Group Stage draw for the Champions League in Jess/CLIPS. Prediction of COVID-19 using Machine Learning models on an Oceania dataset. Statistical analysis of the earthquakes around Fiji. Other.
Competitions	Southeast European Regional Contest ACM-ICPC in programming, National Olympiade of Students in programming. Romanian ACM-ICPC Coding Contest. Catalyst Coding Contest
Honours and awards	Best paperwork at the International Conference on Knowledge Security, Istanbul, Turkey 2022 for the paper: An Authentic Algorithm for Ciphering and Deciphering Called <i>Latin Djokovic</i> ; Mladi Dani - The best short story of young people in Serbia, 2018.
Memberships	Signal, Image Processing, and Machine Learning Team (SIMT), Computer Science department.