

RESUME

PERSONAL DETAILS

Name	Amar Hodžić
Address	Otočkog bataljona bb, 77244, Bosanska Otoka, Bosnia and Herzegovina
Date of Birth	19th July 1994
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GitHub	https://github.com/amarrh

EDUCATION

2021 – Present	University of Bihac, Technical faculty, Bihac Master's studies in Electrical Engineering (Major in Informatics)
2013 - 2019	University of Bihac, Technical faculty, Bihac Graduated as Bachelor Engineer of Electrical Engineering (Major in Informatics, 240 ECTS)
2009 – 2013	Gymnasium of Bosanska Krupa, Bosanska Krupa Gymnasium, General Studies

WORK EXPERIENCE

2021 – Present	High School of Electrical Engineering Bihac Informatics and Electrical Engineering professor
2020 – 2021	Municipality of Bosanska Krupa, Department for Development Expert associate for Information technologies (Internship) Server and System administrator; Website maintenance; Technical support
Student and Personal Projects	<i>HTTP Server (Rust; Linux)</i> <i>Personal Portfolio Web Application (Django; AWS S3; PostgreSQL; Heroku; GIT)</i> <i>Insurance Policy Calculator (Python)</i> <i>REST API Development (Django; Flask; Docker; MongoDB)</i> <i>Messenger Chatbot Demo (NodeJS; Heroku; GIT)</i> <i>Self-Balancing Robot (Arduino; PID controller; DC motors; PWM)</i> <i>Home Security System (Arduino; GSM; Sensors; Camera; Servo motor)</i> <i>Conveyor System (MATLAB; Arduino; UDP; Ethernet; Stepper motor)</i> <i>Smart House Control System (Arduino, Voice Recognition)</i> <i>Handwritten Digit Recognition (MATLAB; Artificial Neural Network)</i>

HIGHLIGHT OF QUALIFICATIONS

Software engineering	Software programming experience in multiple programming languages (Python, Rust, C++, Java, Matlab/Simulink, NodeJS) Object-oriented programming Algorithms and Data Structures REST API development in Python (Django and Flask frameworks) Working with SQL and MongoDB databases Cloud computing knowledge and interest GUI development GIT knowledge System modeling and documentation (UML) Embedded systems/Real-Time systems development Knowledge in Artificial Intelligence and Machine Learning algorithms
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ADDITIONAL SKILLS

Languages

Bosnian: native speaker
English: fluent – C1 level
German: beginner – A1 level

Driving licence

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