BARBU ANDREI

Software Engineer

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WORK EXPERIENCE

BRD Groupe Societe Generale *Bucharest, RO*
JUNIOR AUTOMATION TRAINEE *07/2023 - 01/2024*

- Coding in Python, using Selenium WebDriver
- Ensuring the implementation of the testing of the assigned applications (analysis, test plan design, test automation, execution)
- Testing automatic functional regression, error management, reporting
- Analyzing and estimating automation development efforts

EDUCATION

Polytechnic University of Bucharest *Bucharest, RO*
THE FACULTY OF AUTOMATIC CONTROL AND COMPUTERS *09/2021 - 08/2025*

- Degree in Automatic Control and System Engineering

Hackademy *Bucharest, RO*
WEB DEVELOPMENT COURSE *10/2021 - 02/2022*

National College "B.P.Hasdeu" *Buzau, RO*
MATHEMATICS AND COMPUTER SCIENCE *09/2017 - 08/2021*

- Baccalaureate diploma
- Certificate of Occupational Proficiency

EXTRACURRICULAR ACTIVITIES

BRD First Tech Challenge Romania *Buzau, RO*
SYSTEMS ENGINEER *09/2018 - 06/2021*

- Robot design
- Coding Autonomous and Controlled modes for a robot in Java
- Using Tensorflow Technology
- 3D Modeling
- 3D Printing

Buzau County Museum *Buzau, RO*
COORDINATOR OF TECHNOLOGY PRESENTATION *04/2019 - 05/2019*

- 3D Scanning
- Virtual Reality

PERSONAL PROJECTS

Medical Clinic Manager *Bucharest, RO*
APPLICATION FOR MANAGING A MEDICAL CLINIC'S DATABASE *01/2024*

- Coding in HTML, CSS and PHP
- Using XAMPP and MySQL for working with the database

Automatic Number Plate Recognition System *Bucharest, RO*
APPLICATION FOR DETECTING NUMBER PLATES FROM PHOTOS AND VIDEOS *01/2023*

- Coding in Python
- Using image processing and detection algorithms
- Using EasyOCR

Train Ticket Reservation *Bucharest, RO*
APPLICATION FOR RESERVING A TRAIN TICKET *11/2022*

- Coding in C++
- Implementing management methods for clients and operators
- Using RSA encryption

ABOUT ME

Student, programming enthusiast

CODING SKILLS

PYTHON

C++

HTML

CSS

JAVASCRIPT

SQL

C

MATLAB

JAVA

0 +500 h

LANGUAGES

English • Intermediate
Romanian • Mother tongue
French • Conversational

HOBBIES

Technology, gaming, sports

ABILITIES

- Microsoft Office
- LaTeX
- Valid Driver's License