

ANDREEA MALAIASI

Contact details

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Profile

I am a recent graduate of web development, deepening my knowledge developing personal projects and actively looking for a career in this field. In addition to this, I hold a degree in Artificial Intelligence and Robotics graduate with experience in assembling electronic components for CATV and Internet devices. During my studies, I learned to create electronic circuits and programming languages C++, Python, Java, and MySQL and how to approach the operation of robots through the open-source platform ROS (Robot Operating System) including Arduino IDE.

Education

Front-End-Development(online courses)

Nov 2023 - March 2024

EdX Boot Camps LLC

Technical Skills:

- **Programming Languages:** JavaScript, CSS, HTML
- **Libraries:** Bootstrap, The DOM, APIs, JQuery, JSON, AJAX, Node.js
ES6, React
- **User experience design, How to create a professional project** Portfolio,
Deployment, Behavior-driven development,
Test-driven development, Object-oriented programming

BSc Artificial Intelligence and Robotics (First Class)

Sept 2019 - May 2022

University of Bedfordshire | Luton

- **Robot Principles and Design**
- **Principles of Programming and Data Structures**
- **Robot Intelligent Control and Engineering Mathematics**
- **Advanced Robotics and Agile Project Management**
- **Cyber Security**

Technical Skills:

- **Programming Languages:** C++, Python, Java, C#, C, SQLite, MySQL
- **Applications:** Database, Robot Operating System (ROS) platform,
Arduino IDE, Visual Studio Code, MATLAB
- **Operating Systems:** Linux, Windows, Raspberry
- **Other technical skills:** electronic circuits creation

Technical experience:

- **Electronics:** I designed different circuits for robots such as a small robot car as the one in my final year individual project, robot that contains controllers and sensors that makes it able to be tele operated and it gives the ability of building 3D maps and also self-awareness
- **ROS (Robot Operating System):** I used ROS (open platform) in operating the car robot, to make connections between its electronic and mechanical components parts, so it can perform certain tasks
- **C++:** I used C++ as a programming language in Arduino IDE to program the robot car to find the brightest light source

- **AutoCAD:** I was involved in an individual project in which I designed and printed 3D a robot gripper arm and in which I designed 5 pieces that can be part of a robot.
- **Mechanical:** I used mechanical parts of a robot car in my individual projects, such as wheels and chassis, or mechanical robot gripper arm
- **C#:** I used Visual Studio to create of a C Sharp desktop application for managing a two-floor elevator
- **Java:** I used Java in NetBeans IDE to create a student event desktop application which included MySQL Workbench and PhpMyAdmin
- **Agile project management:** I worked in a group of 5 students for 9 weeks managing to deliver a face recognition desktop application
- **Cyber Security:** I used Cisco Packet tracer to secure a medical clinic computer system

Business Studies (Foundation Year – General)

Feb 2019 - Sept 2019

University of Bedfordshire | Luton

MA Managerial Communication and Human Resources

Nov 2005 – Feb 2007

State University of Political and Administrative Studies | Bucharest

BA Social Assistance - Faculty of Sociology and Social Assistance

Nov 2001 – May 2005

University of Bucharest | Bucharest

Baccalaureate Diploma

Sept 1996 – June 2000

Dinicu Golescu National College | Campulung Muscel

Certified Professional Programmer Help - Skills: Pascal, C++, MS Office

Relevant professional experience

Electronic Components Assembler

Sept 2007 – Apr 2008

SC Intex Prim SRL

Campulung-Muscel Arges | Telecommunications | IT/CATV

- Assembling electronic components for CATV and Internet devices

Tests corrector

Jan 2007 – May 2007

European Computer Driving License (ECDL)

Bucharest | IT Training and Certification | MS Office Tests Evaluation

- Correcting tests of Microsoft Office at beginner level

Other professional experience

Warehouse Operatives LLOP

Jan 2018 – present

Superdrug, Dunstable

Care Assistant

Aug 2017 - Nov 2017 Jesmund Nursing

Home, Sutton

Debts Service Assistant

Oct 2015 - Jun 2017

Cycle European, Ilfov

Cashier

Aug 2010 – Oct 2015

Auchan Hypermarket, Bucharest

Cashier

Aug 2009 – July 2010

Cinema City, Pitesti Arges

Languages

English -Intermediate to advanced; Romanian -Advanced(native language); French -Beginner

Reference

Available on request.