

GHEORGHE COSTINEL MALAIASI

Contact details

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Profile

I studied web development, accumulating a lot of knowledge in this field, and wanting a career in this field. I have experience in electronics for over 17 years. I started with the assembly of electronic components in the first 2 years, after which I continued with electronic troubleshooting, testing and software updating for various telecommunication devices. During my studies, I assimilated other new skills such as programming languages for example, Python, Java, C++, C#, or database systems such as MySQL, SQLite, and open source as ROS.

Education

Nov 2023 -Marth 2024

Bootstrap University
Front-End Web Development (online courses)

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

Sep 2019- May 2022

University of Bedfordshire
Artificial Intelligence and Robotics (full-time)
Bachelor of Science with Honours First Class

Artificial Intelligence
Principles of programming and data structures
Robot principles and design
Agile Project Management
Cyber Security

Technical Skills

Programming Languages: Python, Java, C#, C++, C, SQL, MySQL SQLite
Applications: Database, ROS
Operating Systems: Linux, Windows, Raspberry, Visual Studio Code, Matlab

Technical experience

-**AutoCAD**, I created various models including habitat for the car that I designed, and 3D printed
-**Electronics**, I created the lighting system using perforated wiring and various electronic components, and I did their control through the **Arduino** microcontroller in **C++**.
-**ROS**, I used it in an assessment where, using **artificial intelligence**, a microcontroller, and the camera, I controlled a car to turn by itself according to road signs.
-**Java**, I used it in an assessment to create a **desktop application** for creating or enjoying events, containing **databases in localhost**, I used **XAMPP** for interconnection.
-Robot principles and design
-**Agile Project Management**, I used it in a **group** assessment in which the entire **project** was based on compliance with the terms but also on the **coordination** between the people involved respecting the **requirements** of this **management style**.
-**C#**, I used to develop an object-oriented software control application to control an elevator on my assessment.

	-The basis of the final project in which I integrated Python and C++ for coding, Arduino a microcontroller, Raspberry as a microcomputer, Linux as an interface, ROS , and mechatronics.
Feb 2019- Sep 2019	University of Bedfordshire Business Studies (General) (Foundation Year) English skills
Oct 2014 – Feb 2015	Technical School / Vocational school - Courses with European accreditation Telecommunication technician Bucharest Courses specializing in telecommunication: <ul style="list-style-type: none"> ▪ Analysis of telecommunication techniques and systems ▪ Choosing production and environmental management strategies ▪ Use of the telecommunications network ▪ Evaluation of telecommunications equipment performance ▪ Technical-economic coordination for technological processes ▪ Teamwork, problem-solving ▪ Use of analogue circuits in telecommunications ▪ Quality management
Oct 1995 - Jun 1999	High School / Vocational school - Technologic Electronics Campulung Muscel Electrotechnics and Electronics Certified Professional Automation Electronic

Professional experience

Dec 2017 - present	Warehouse Operatives FLT - Superdrug Dunstable Warehouse Distribution I work on FLT. I worked as a picker on LLOP
Nov 2010 - Nov 2017	Telecommunication technician - SC DIGITAL CABLE SYSTEMS SA Bucharest Telecommunications IT / Telecom DTH, DVB-C / S: - monitoring the TV signal from the satellite and transmitting it through the equipment to customers. - troubleshooting of satellite signal receivers (both the electronic part and re-software). - installation of complex satellite reception systems and adjustment of parameters. - troubleshooting analogue transmitters but also fibre optic ones (electronic part and signal calibration). - troubleshooting power supplies, UPSs, and stabilizers used both in stations and on CATV and Internet networks - design of DTH networks for stations but also metal structures and installation of satellite antennas (design, dimensioning, orientation) - metal structure installation (metal cutting, welding, installation of satellite antennas, installation of connection cables, calibration).
Aug 2001 – Nov 2010	Telecommunication technician and electronic assembler devices – SC INTEX.PRIM SRL Campulung Muscel Arges Telecommunications IT / CATV - installing electronic components on PCB using electronic schematics. - troubleshooting of electronic equipment, the electronic part and parameter calibration. - the creation of new CATV and internet networks via coaxial cable, but also the maintenance of existing ones. - coordinator of small field projects for the expansion of TV and internet networks.

Foreign languages

English -Intermediate to Advanced

Romanian - Advanced (native language)

Other info

Achievement

I participated in a "poster day" event and won two prizes.

Reference

Available on request.