

Razvan Bordeianu

ELECTRONICS, TELECOMMUNICATIONS AND INFORMATION TECHNOLOGY GRADUATE

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Education

Faculty of Electronics, Telecommunications and Information Technology (Politehnica University)

Bucharest, Romania

B.S. IN ELECTRONICS, TELECOMMUNICATIONS AND INFORMATION TECHNOLOGY
WITH FOCUS ON TECHNOLOGIES AND TELECOMMUNICATION SYSTEMS

Sept. 2018 - Sept. 2022

Experience

Python Systems com

Bucharest, Romania

SYSTEM ADMINISTRATOR

Oct. 2023 - Present

- Diagnosed and resolved technical issues related to hardware, software, firewall, and network connectivity.
- Configured and troubleshooted client operating systems and applications, covering both physical and virtual environments. This included Windows 10/11, Windows Server, Microsoft Office 365, Exchange, and various business systems.
- Troubleshoot software installations, configuration, and compatibility issues on different client endpoints.
- Worked with Fortinet equipment, HPE servers, Synology NAS products, various printers, and fixed endpoint hardware problems.
- Documented and created user-friendly guides to manage client credentials and log-on data.
- Hands-on experience with Active Directory and Group Policies, Microsoft Azure and 365 Platforms, Managed email accounts in cPanel, Supervised threat monitoring operations within Bitdefender GravityZone.

Qmed Dental Clinics

Bucharest, Romania

ASSISTANT GENERAL MANAGER

June 2021 - Oct. 2022

- Assisted the General Manager in all matters and maintained communication between the board and all company departments.
- I was responsible for managing and maintaining the IT department. In addition, I routed and set up a new clinic's network.
- Implemented automated solutions for the acquisitions department and for tracking sterilized medical instruments.
- Managed and maintained the relationship with external providers.
- Reviewed various financial statements and introduced a revised pay and bonus structure for our staff.
- Tracked and analyzed key performance indicators such as productivity, occupancy, and the quantity of conducted procedures.

EFdeN

Bucharest, Romania

ELECTRICAL TEAM INTERN

June 2021 - Sept. 2021

- Assisted the team in designing a lighting system for the garden of EFdeN's Sustainable City prototype using AutoDesk AutoCAD.

Skills

Networking	Familiar with Fortinet equipment, and concepts like TCP/IP, DNS, DHCP, LAN/VLAN/WAN.
Directory Services	Active Directory and Group Policies, Microsoft Azure and 365 Platforms
Programming Languages	C, C++, data structures and algorithms, object oriented programming, Python, Linux English, Romanian

Relevant Courses

Schematic design	Passive Components and Circuits, Interconnected Electronic Designs
CAD	CAD/CAM Electronic Schematic Design, CAD Techniques of Building Electronic Modules
Programming	Data Structures and Algorithms, Object Oriented Programming
Analog/Digital Design	Electronic Devices, Digital Integrated Circuit Design, Analog Integrated Circuit Design

Projects

IoT Enabled Smart Lightning System for Smart Buildings

Graduation Thesis

MONITOR THE PRESENCE OF PEOPLE AND ENVIRONMENTAL PARAMETERS

4th year

- The system was designed to transmit real-time room status to a web application.
- Depending on different environmental parameters the system will adjust lightning to ensure comfort and save energy.
- Created the schematic and PCB design for the: power, control, sensors, and execution blocks.
- Pre-layout investigation through CAD methods and inspected the PCB board after printing it and soldering the components.
- Wrote code in Arduino IDE for the ESP8266 microcontroller used in the control unit of the PCB.
- Tested the code and adapted the values to real-life scenarios.
- After testing several LED panels and power supplies the optimal combination for the project was chosen.