Nicoleta Carmen Iova

 github.com/nicoletaiova25   ✉ nicoletaiova25@gmail.com   ☎ +40 786 100 703

EDUCATION

University of Bucharest, Faculty of Mathematics and Computer Science   October 2021 – June 2025
Information Technology

Courses: Object-Oriented Programming, Data Structures & Algorithms, Algorithms and Programming Techniques, Network Configuration (CCNA-level I, level - II), Computer-aided design (AUTOCAD 2D-3D skills), Operating Systems, Introduction To Robotics, Web Design, Artificial Intelligence, Database.

 High School (Anastasescu National College)   September 2017 – June 2021
Mathematics and Informatics

Certification: Digital Skills Certificate (C++), issued by "Anastasescu" National College, Roșiori de Vede - Experienced User - 1. Website and Computer Operating Systems Management.

SKILLS

Languages: C/C++, Python, JavaScript, HTML/CSS, C#, Java — **Tools**: Git/GitHub,VS Code,CLion, PyCharm, Arduino, Unity — **Database**: SQL, Oracle, pgAdmin — **Frameworks**: Node.js, Bootstrap, .NET — **Libraries**: NumPy, Matplotlib

PROJECTS

Line Follower - Team Project | *Arduino, C++, Electronic Components*   January 2024
- Our team collaborated in the development of a line follower, a robotic system engineered to autonomously track and adhere to a predetermined route.
- Handcrafted a DIY cardboard chassis, powered by a LiPo battery. Integrated Arduino Uno board, QTR-8A reflectance sensor, L293D motor drivers, and DC motors for autonomous line-following functionality.
- The challenge was to guide it through a set path and finish in under 20 seconds.

Bomberman-Game | *Arduino, C++, Electronic Components*   December 2023
- I crafted the game on an 8x8 matrix canvas, seamlessly navigated by a joystick interface, rendering the immersive gaming experience directly into the vibrant matrix display.
- The game's objective is to strategically place bombs to destroy walls and clear the map within the shortest time.
- The game includes an interactive menu on an LCD screen, enabling players to save names, adjust brightness, view high scores, and monitor in-game stats like lives, time, and player names.

Nixxie DrugStore | *HTML, CSS, JavaScript, Node.js, Bootstrap, JSON, PGAdmin, VS Code*
- Nixxie DrugStore website is dedicated to efficiently managing and showcasing a wide array of drugstore type products, guaranteeing a smooth and informative browsing experience for users.
- Learned to utilize technologies like Node.js, Bootstrap, JavaScript, and PGAdmin to enable core functionalities to ensure accuracy and efficiency for the users' interaction on the website.

EXPERIENCE

Catawba Island Club | *Retail Associate, Kitchen* | Port Clinton, Ohio   June 2024 - October 2024
Retail associate in a Dock Shop, responsabilities included handling cash, engaging with costumers, scooping ice cream, preparing hot and iced beverages, stocking, opening and closing the store, reporting to superiors. Kitchen - Pantry worker, performing prep-work, cleaning, preparing salad dressings, handling orders.

Dunkin Donuts - Quality Donuts | *Crew member* | Barre, Vermont   June 2023 - October 2023
Worked in a fast-paced environment, performing various tasks including taking orders, preparing hot and cold beverages, making breakfast sandwiches, opening and closing the store, engaging with customers, cleaning, doing prep work, and cash handling. Frequently operated as shift leader.

Dunkin Donuts - Quality Donuts | *Crew member* | Barre, Vermont   June 2022 - October 2022
Worked in a fast-paced environment, handling tasks such as taking and handing out orders, preparing hot and cold beverages, making breakfast sandwiches, opening and closing the store, engaging with customers, cleaning, and cash handling. Frequently operated as shift leader.

HOBBIES & FOREIGN LANGUAGES

Reading and Writing
- Reading is an activity I've had since childhood and I still take great pleasure in it, and writing is a hobby I picked in highschool.

Travelling
- Travelling, visiting and sightseeing are definitely hobbies picked up from my parents, that I enjoy doing.

Language : English - advanced.