

## RAZVAN GOREA

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Personal Website: <https://razvan-gorea.github.io/my-website/>

## PERSONAL

Final year BSc Computer Science student with a genuine passion for software development and problem-solving. My academic journey has equipped me with solid computer science principles, along with other important skills, allowing me to continuously learn and adapt to brand new environments. My experience in retail has also demonstrated my ability to efficiently collaborate and communicate with other people.

## EDUCATION

**9/2021 - PRESENT**

**BACHELORS IN COMPUTER SCIENCE, DUBLIN CITY UNIVERSITY**

Currently in 4th Year, graduating in MAY/JUNE 2025

**6/2021**

**LEAVING CERTIFICATE, CHANEL COLLEGE**

## EXPERIENCE

**3/2018 – PRESENT**

**CLEANING OPERATIVE, BIDVEST NOONAN, BEAUMONT HOSPITAL**

- Perform regular and thorough cleaning tasks according to established cleaning schedules and specifications.
- Ensure a high standard of cleanliness throughout assigned areas for offices and public spaces.
- Maintain and regularly inspect cleaning equipment to ensure its proper functioning and availability when needed.
- When part of the discharge team, keep track of the discharge log and answer incoming calls from wards.

**9/2017 – 3/2018**

**SALES ASSISTANT, REGATTA GREAT OUTDOORS**

- Providing exceptional customer service to drive sales.
- Assisting with inventory management to ensure products are available for purchase.
- Organising the show floor to provide a seamless and positive shopping experience.
- Overseeing on-coming deliveries of new stock and updating records of in-house inventory.
- Providing regular updates to the store manager for efficient collaboration and workflow.

## SKILLS

**Programming Languages:**

- Python, C, Java, Go, JavaScript

**Frameworks:**

- Django, Next.js, React.js

**Tools:**

- Git, Docker, Make file

**Operating System:**

- Linux

**PROJECTS**

- **Private LLM Chatbot Utilizing Multiagent Retrieval Augmented Generation:**  
A system that can query multiple different data stores and databases at one centralized point using multi agent retrieval augmentation generation. The user can query the system via a chat bot interface, the system then retrieves the relevant data as vectors from each data store or database. These vectors are then served to a large language model as additional context. The large language model then generates a response based off the original user query and additional provided context. The response generated is then served back to the user.
- **Trekster Interactive Map:**  
Utilising React Leaflet and OpenStreetMap to display trails (hiking, walking) within Ireland. Displays points of interest as well as weather information integration utilizing a weather API to fetch weather data. Created with ReactJS, a custom API and Django.
- **University Management System:**  
User can manage modules, cohorts, and students. Created with ReactJS, Swagger API and Django. The user can view information in relation to students, as well as being able to add new student data or edit current existing data using HTTP request methods. Similar functionality was also implemented for modules, cohorts and degrees.
- **Custom Shell:**  
Shell made with C, capable of many common linux commands. Made to mimic the common linux command line. The shell as supports batch mode as well as background execution. A manual page was also created to display the capabilities of the shell, as well as helping the user in utilizing the shell.
- **Pizza Application:**  
User can create a pizza order which gets saved onto a SQL lite database. Created with Django and Pico CSS. The user could select from different types of toppings, crust types and sauce types.

**DCU SOCIETIES OF INTEREST**

- DCU ARTS & CRAFTS SOCIETY
- DCU KARTING SOCIETY