# Catalin Dobinda

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## PROFILE

Currently in 4$^{th}$ year of studying Computer Science at the University of Portsmouth. Passions include but are not limited to: Learning and developing new skills, programming and solving problems.

## EDUCATION

2020 – Present day  **University of Portsmouth**
**MEng (Hons) Computer Science.**

Skills learned in the **first** year aided on the creating of a discord bot. Developed a network for a fictional music festival for ≈ 65 thousandpeople in a group project.
Created and implemented a database for a fictional bookstore.
Skills like leadership and attention to detail were highly improved in the new environment.
The **second** year of study was particularly interesting because it improvedmy leadership and team working skills and sense of responsibility by an incredible amount.
In my **third** year I learned a lot about game development in Unity and have developed a mobile game. I have also developed a lot my general knowledge about programming and the ins and outs of many systems.

2017 – 2020  **Basic and Secondary School of Albufeira**
**Course: Sciences and Technologies**
**Finished with a 70% average**

Part of the head management of the Students Association of the School.
Part of the group in charge of organizing a fair for students to aid them choose the best course for their secondary studies.

## WORK EXPERIENCE

October 2022 – Present Day

**KFC Pompey Centre**
- Acted mostly as cashier at a KFC store.
- Time management and multi-tasking skills are being severely improved constantly due to the nature of the work.
- My hospitality and communication skills are also improving significantly due to the variety in customers and colleagues.

Summer of 2022    **Tequila Loca**
- Was manager, waiter and bartender (if needed) on a Mexican restaurant.
- By having additional responsibilities due to being manager I learned a lot about managing a team, the duties of management and developed my overall teamworking skills.
- My hospitality and communication skills also improved significantly due to the variety in customers.

Summer of 2021    **Continente Hyperstore**
- Acted mostly as cashier in the largest shopping centre in Albufeira (hometown).
- Working in a large company with people from very different backgrounds and with customers helped develop my hospitality and communication skills.

Summer of 2019    **Italian Planet**
- Acted as a waiter and cashier at an Italian themed restaurant in a very tourist-heavy area.
- Stock management.
- My organisation skills and time management improved greatly while working here.

Summer of 2018    **Urban Pizza**
- Acted as bartender, waiter and cook helper in a restaurant located on the most popular street in Albufeira.
- Stock management.
- This work position greatly improved my workflow, learning speed and improvisation capabilities

## Relevant experience

- **Programming Languages:** Proficient in Python for scripting and data analysis. Also experienced in Java, particularly for creating a smart house management app during a university project. Additionally, I have some knowledge of C# for Unity game development.
- **Full Stack Development:** Currently undergoing training in full stack development with a focus on front-end technologies.
- **Back-End Development:** Familiar with back-end technologies, including PostgreSQL for databases, RESTful APIs, and Microsoft Azure for cloud services.
- **Web Development:** Competent in HTML5, CSS, and JavaScript for web development.
- **Networking:** Practical experience in creating and managing networks, demonstrated through a project for a music festival.
- **Internet of Things (IoT):** Proficient in using Arduino Uno R3 and IoT scripting. Developed a weather station with various sensors and integrated with ThingSpeak.
- **Version Control:** Proficient in using Git and GitHub for version control and collaborative development.
- **Cybersecurity:** Basic understanding of cybersecurity concepts, contributing to a secure development environment.
- **Machine Learning:** Utilized machine learning algorithms for database backup optimization and worked on projects related to distributed systems.
- **Functional Programming:** Basic knowledge of Haskell programming, showcasing versatility in programming paradigms.

## VOLUNTARY WORK

Volunteered for organizations such as:
- C.A.S.A. (homeless association centre), collected groceries at local supermarkets.
- Food Bank, using pamphlets, me and my team sensitized people to help this organization and collected groceries at local supermarkets.
- Participated on local beach cleaning and environmental awareness sessions in Albufeira, Portugal.
- Organized and participated in sessions consisting of cleaning on and around school grounds.
- Participated on KFC's spring-cleaning campaigns to clean common spaces from litter.

## ADDITIONAL SKILLS AND INTERESTS

- Languages: Portuguese (native speaker); English (fluent); Romeno/Moldavo (fluent); Spanish (Conversational).
  Learning: Dutch

- General IT: Word, PowerPoint, Excel
  Adobe Photoshop, Illustrator, Premiere, After effects, Cinema 4D.

- I can drive and have a full driving license.

- Interests: Sports (have practiced for 13 years).
  Programming.
  Game Development.
  Solving problems.
  Learning new useful skills.
  Learning new information about many different topics, some useful and others… not so much.
  Creating videos, editing images, creating 3D environments.
  Drones (flying and building).
  Gaming (especially competitive strategy and resource management).
  Entertainment content creation (voice over, video editing and photoshop).