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John Mulcahy

Summary:

Second year BA in Computing Science Student at Griffith College Cork, having previous experience as a production operator in the automotive electronics industry, where I gained an understanding of software's practical applications and electronics. I am currently seeking an Internship role in I.T to further develop my software development skills.

Education

Griffith College Cork – BA in Computing Science - Level 8   Expected Completion: May 2020

Modules included: *Object Oriented Programming (Java), Data Structures & Algorithms, Systems Software, Business Information Systems, Relational Databases, Server Side Web Development.*

Personal project implementing what I've learnt in these modules.

Project: Surfcast   September 2017 - January 2018

As a surfer in my spare time I wanted to access surf forecasts in a more visual and intuitive way, for a personal project I built and designed a hardware application which uses a mini computer (Raspberry Pi) to get the local surf forecast through an API and display this Json data through LED lights using Python in a custom built product. Delivering continuously updated surf forecasts triggered by a motion sensor. Making it easier to visually recognise wave heights and swell conditions which together help derive the quality of surf conditions.
Project GitHub page
Skills: Json handling, Java, and Python

Employment

Deliveroo, Food delivery, *part-time*   Cork city, Co. Cork | April 2017 – Present

- Local food delivery from restaurant to customers.
- Maintain work safety at all times.
- Ensure deliveroo service runs smoothly and efficiently.
- Dealing with various issues accordingly.

G4S Ireland, *Event steward*   Little Island, Co. Cork | Feb 2017 – August 2017

- Event steward for Munster rugby matches, working part time.
- Working with patrons and ensuring their safety at all times.
- Helped to ensure the event ran smoothly while dealing with issues promptly and efficiently.

Kostal Automotive Factory, *General Operator*   Abbeyfeale, Co. Limerick | August 2013 – September 2016

- Worked as part of a team on the production of circuit boards for hybrid electric cars.
- Removed the risk of assembly errors being made on the manual assembly line by articulating an idea to separate similar materials used in production.
- Dealt with fast pace and high volume production.
- Became proficient in 4 different roles in Kostal from product assembly to product testing.
- Developed skills to maintain the standard and quality of my work.

Bay Tree Garden Centre, Sales Assistant   Newcastle west, Co. Limerick | May 2012-December 2012 Part-time

- Dealing with customers and giving advice to customer queries.
- Sales of garden centre products and services.
- Contributed to the maintenance of the garden centre.
- I assisted the manager with landscaping on a regular basis during my time there.

Key Skills & Qualities

- Confident in the tasks I approach, address situations with a positive outlook.
- Computer skills: Object oriented programming with Java, MySQL, relational database design, Linux JavaScript, HTML and CSS.
- Approachable person and work well in teams or on my own.
- Maintain a high level of quality in my work and follow job descriptions accurately.
- I really enjoy fixing things, solving problems and am eager to learn new skills.

Interests & Achievements

- Student member of the Irish computer society.
- Member of Griffith College Cork Computer club and System administrator for student club server.
- Interested in sports such as Cycling and Surfing.

References

References available on request.