

# John Mulcahy

## Summary:

Second year BA, 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 softwares practical applications and electronics. I am currently seeking an Internship role in I.T to further develop my software development skills.

## Education

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**Griffith College Cork** – BA in Computing Science - Level 8

Expected Completion: May 2020

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

I've been able to implement the above modules to directly influence personal and academic projects.

Project: Surfcast

September 2017 - January 2018

As a recreational 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).

- Gets the local surf forecast through an API using Java
- Display's the Json data through LED lights using Python
- Delivering continuously updated surf forecasts triggered by a motion sensor.
- Makes it easier to visually recognise wave heights and swell conditions which together help derive the quality of surf conditions.

**In short, I have been able to construct and implement my very own weather forecasting system.**

Link to Surfcast: [Project GitHub page](#)

Skills: Json handling, Java, and Python

## Employment

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**Deliveroo**, Food delivery, *part-time*

Cork city, Co. Cork | April 2017 – Present

**G4S Ireland**, *Event steward*

Little Island, Co. Cork | Feb 2017 – August 2017

**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)

## Key Skills & Qualities

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- 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

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- 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

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References available on request.