# Justin Case

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*Home Address:* 20 Good Street, Sometown, Co. Cork.

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## Education

2019 – to date Maynooth University, Maynooth, Co.Kildare.

 **B.Sc. (Honours) Biotechnology**

 Expected Result: Honours 2.1

Third Year: Biotechnology, Chemistry

Second Year: Biotechnology, Chemistry, Mathematics,

First Year: Biology, Chemistry, Mathematics, Computer Science,

#### Relevant Skills

**Laboratory Skills & Instrumentation**

* **General:** Aseptic technique, cell culture, instrumentation, Health and Safety, Statistics, Literature searching, Presentation skills, Report writing, Documentation and Quality Management Systems.
* **Advanced:** Biochemical and enzymatic analysis, Genetic Manipulation, Electrophoresis, Proteomics, Bioinformatics***.***

# Laboratory Experience

* Synthetic Organic and Inorganic Chemistry,
* Synthesis under Inert Conditions,
* Distillation and Rotary Evaporation,
* Purification and Crystallisation of Compounds,
* Melting Point Determination,
* Good knowledge of Safety Procedures and the use of Material Safety Data Sheets

 (MSDS) in the Laboratory.

# Instrumentation and Analytical Experience

* Volumetric and Karl Fisher Titrations
* Atomic Absorption Spectroscopy (AA)
* Differential Scanning Calorimetry (DSC)
* Infrared Spectroscopy (IR and FTIR)
* Ultraviolet and Visible Absorption Spectroscopy (UV-Vis)
* Mass Spectrometry
* Thin layer Chromatography (TLC), Gas Chromatography (GC),
* High Performance Liquid Chromatography (HPLC).
* Nuclear Magnetic Resonance (NMR)
* Electrochemistry and Cyclic Voltammetry

**Computer**

* Microsoft Office suite

**Administration/Organisation**

* Planned activities to ensure that targets and deadlines are successfully met
* Experience multi-tasking and working on own initiative in a variety of settings

**Research**

* Interviewed representatives of relevant organisations
* Attempted to source primary materials relating to topic
* Ensured best value regarding costs for self and client

**Team working**

* Constant team-working to ensure efficient workings of projects
* Liaised with other professions at various stages of project

**Instructional**

* Private tuition to Leaving Cert. Students,
* Lab Demonstrations during Maynooth University Open days (November 2022)

##### Vacation Employment

Summer 2019 Pfizer, Newbridge, Co. Kildare

 **Assistant Lab Technician**

* Observed GLP/cGMP at all times
* Performed laboratory tests as per written procedures
* Prepared specimens and samples
* Operated, maintained and calibrated standard laboratory equipment
* Ensured the laboratory is well stocked and resourced
* Recorded analytical results accurately and sometimes interpreted results to present to supervisor or senior colleagues
* Conducted searches on identified topics relevant to research

##### Part-Time Employment

2021to date Elephant and Castle, Temple Bar, Dublin 2.

(Weekends) **Waitress**

* Responsible for opening and setting up restaurant
* Provide efficient service to customers including managing customer complaints
* Train in and support new staff
* Comfortable working in busy environment and to tight deadlines

**Interests and Achievements**

***University:*** **3rd Year Biotechnology Class Representative (2022-2023)**

* Represented class in discussions with department staff and other university personnel
* Acted upon class queries as requested and liaised with relevant personnel

# Member – Biology Society, Maynooth University (2021 to date)

* Attended Society meetings and events
* Volunteered to operate Society Stand on Maynooth University Clubs & Societies Day

###### Sports: Player Member/ PR Assistant, Sometown GAA Club (2019 to date)

* Represent club competitively at county level and national level
* Instruct junior members and coach juvenile player camps
* Promote club activities on Club Social Media accounts

***Awards:*****Academic Performance**

* + Maynooth University Entrance Scholarship - based on Leaving Certificate Results

##### Referees

Dr Ellen O’Flynn Ms Joan Smyth,

**Lecturer Laboratory Supervisor,**

##### Department of Biology, Pfizer Ireland,

Maynooth University, Newbridge,

Maynooth, Co. Kildare.

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