

# Isabella Doyle

+353 83 801 3744 | [isabelladoylegti@gmail.com](mailto:isabelladoylegti@gmail.com) | [linkedin.com/in/isabella-doyle-7a069591](https://www.linkedin.com/in/isabella-doyle-7a069591) | [github.com/izardo](https://github.com/izardo)

## EDUCATION

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<b>Galway-Mayo Institute of Technology</b> <i>Higher Diploma in Science in Computing in Data Analytics - Expected 1:1</i>	Galway, IE Jan. 2021 – Jan. 2022
<b>National University of Ireland, Galway</b> <i>Bachelor of Arts with Human Rights - 2:1</i>	Galway, IE Sep. 2014 – May 2020
<b>National University of Ireland, Galway</b> <i>Diploma in Foundation Studies (Access Course) - Distinction</i>	Galway, IE Sep. 2013 – May 2014

## DATA PROJECTS

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<b>Comparison Analysis of CAO points</b>   <i>Python, Numpy, Pandas, Matplotlib, Seaborn, RegEx</i>	Autumn 2021
<ul style="list-style-type: none"><li>The analysis of 2019, 2020 and 2021 CAO data revealed unprecedented point increases for 2021 in the context of Covid-19 and leaving certificate grade inflation. Undertaken with Jupyterlab and Python, various libraries were employed to extract the data from multiple messy sources. Extensive and meticulous cleaning, manipulation and exploration ensured accurate findings that were subsequently presented with attractive, intuitive visualisations.</li></ul>	
<b>Database Web Application</b>   <i>HTML CSS, JavaScript, Flask, mySQL, Git</i>	Autumn 2021
<ul style="list-style-type: none"><li>Constructed a web application for performing CRUD operations on an SQL database. Hosted on PythonAnywhere, it features a simple, attractive web interface. AJAX was implemented to facilitate client/server requests to a RestfulAPI, on top of a Data Access Object (DAO) layer that interfaces with the database.</li></ul>	

## EXPERIENCE

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<b>Bar Supervisor</b> <i>Galway Bay Brewery</i>	Mar. 2021 – Sep. 2021 Galway, IE
<ul style="list-style-type: none"><li>Supervised staff and overall functioning of bar, while safely implementing Covid-19 regulations</li><li>Up-sold specials and promoted product sales from our own brewery</li><li>Bar achieved highest sales of all 17 bars owned by GBB during period worked there</li></ul>	
<b>Bar Tender</b> <i>Faherty's Bar</i>	Apr. 2020 – Jan. 2021 Oughterard, Galway
<ul style="list-style-type: none"><li>Independently oversaw full functioning of front-of-house of popular traditional Irish bar</li><li>Forged friendly relationships with long-serving customers and tourists alike, boosting customer footfall and sales</li></ul>	
<b>Human Rights Intern</b> <i>The Association of the United Nations</i>	Jan. 2017 – Jul. 2017 Barcelona, Spain
<ul style="list-style-type: none"><li>Part of the team tasked with organising the 2017 Catalonia Model United Nations (CMUN)</li><li>Responsible for administration, acting as point-of-contact for potential delegates</li><li>Held information seminars on CMUN in the Autonomous University of Barcelona for a some of the 400 international delegates who attended the event</li><li>During the conference, I undertook journalist duties to report on committees' progress via twitter and online magazine 'The Clarion'</li></ul>	

## TECHNICAL SKILLS

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**Languages:** Python, SQL, MongoDB, JavaScript, HTML/CSS, Bash, R  
**Libraries:** Pandas, NumPy, Matplotlib, Seaborn, SciPy, Scikit-Learn  
**Frameworks:** RegEx, Bootstrap, Flask  
**Tools:** Jupyter Lab, Git, Jupyter, VS Code, Visual Studio, PowerBI

## ACHIEVEMENTS AND CERTIFICATIONS

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**Introduction to PowerBI** *DataCamp* (Feb 2022)  
**Introduction to R** *DataCamp* (Sep 2020)  
**International Criminal Court Summer School** *NUI Galway* (Jun 2017)  
**Human Rights Internship Report** *NUI Galway* (2017) - Top of the class report was used as an example of a good internship report for prospective intern students.  
**SUAS Global Issues Course** *NUI Galway* (Feb 2015) - Covered major modern challenges facing the world.