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Career Objective

- To be able to obtain an internship position in your company as a Computer Science student.
- To be able to apply the knowledge and theories I have learned at Dublin City University in accordance to the standard and policy of the organisation.
- To be able to get a chance to contribute to the growth of the company.
- To be able to gain work experience and be given the opportunity to work in a team based environment.

EDUCATION

Dublin City University

Bachelor of Science in Computer Science, 2026 *GPA: 3.7*

- During my time in DCU, I have completed various projects and tackled challenges while collaborating with others.
- I have created projects and solved problems and have worked with others for these projects.
- Used agile and scrum methodology when solving complex problems and bigger projects.
- My best modules were Programming and Web Development.
 - While working on my Discord bot project, I expanded my programming skills by exploring new Python documentation and successfully applied this newfound knowledge to enhance the bot's functionality.
 - During web development, I designed my website's layout and added animations, like text fading in while scrolling. I also learned more about HTML, CSS, and JavaScript, and eventually used this knowledge to create my personal website after completing the project.

Technologies and Languages

Programming Python, C, Basic C++, Basic Shell-scripting

Web Development HTML, CSS, JavaScript

Frameworks React, Discord.py

Applications VSCode, Office 365, GitHub

OS Unix/Linux (Ubuntu 22 LTS), Windows

Remote Microsoft Teams, Discord

PROJECTS

College Projects

<u>Kattis</u> - Combination Lock problem (*Python*) (2022 October - December)

o https://open.kattis.com/problems/combinationlock

 Worked with a team to create a solution using Python. At the end of our task, we had a functioning solution that had passed all of the test cases at Kattis.

OneDrobe - Creating a website for a fictional product (HTML, CSS, JavaScript)

(2023 February - April)

- Final Grade: 86%
- o https://github.com/ThisIs-RJP/onedrobe-website
- OneDrobe is a fictional extension created by me and my team that allows users to save their clothing sizes from where they shop. This prevents users from ever forgetting their size and vanity sizing (a phenomenon that causes ready-to-wear clothing to grow bigger in physical size over time, mainly in the US).
- Used Repl.it to program the website as it was the best way my team and I could share and edit the code.
- When creating the OneDrobe website, our team utilized agile, scrum methods and created a functional website with a dynamic UI making sure our product was user friendly and navigable for the user final product resulted in a smooth running website that advertised the product created as an advertisement with self made and learned animations to contribute to group—made website.
- Used Scrum methods by assigning roles to members of the group, creating a backlog and implementing time-boxed sprints to divide our progress into smaller, manageable parts to build up to the final product.

Personal Projects

Personal Website ~ kyotsuspalace.rf.gd (HTML, CSS, JavaScript) (Summer 2023)

- Access to my social media profiles through a domain.
- Used CSS and JS to animate elements (fade in elements of the page after scrolling down).
- I am currently working on 2 different websites using ReactJS. One for a personal project with the
 goal of creating a website template for possible future use and the other for a group project that I
 am collaborating on with others.

Visual Novel Game using Ren.py (Python) (Summer 2023)

- A game that uses the Ren.py engine, utilizes a unique story written and drawn by me.
- Writing code to adjust UI and designing the elements such as background.
- Tells the story I've written by portraying events with texts and images while also changing the plot depending on the choices that the player makes.
- The game will also have an "investigation" function, where the user pieces information given by the plot to come to a conclusion at certain events of the game.

RaiBot Discord Bot powered by discord.py (Python) (Started 2022)

- https://github.com/ThisIs-RJP/botRaiden.py
- A discord bot with admin, fun commands.
- A standalone code that has yet to be implemented (but runs independently outside the bots code, see GitHub for reference) has been made. It is currently being modified to suit discord.py documentation for discord users to use.
 - A replica of the Honkai Star Rail Warping system for the users to collect their favorite characters from the game.
- The bot can perform tasks such as clearing messages from a channel, kick and ban users.
- The bot can also perform fun commands that allow users to interact with one another, such as polls for them to put into the chat.