

ROBIN O 'SHEA

Software Engineer

Contact Details

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Skills

Python

Java

C#

JavaScript

HTML

CSS

MySQL/MongoDB

Unity

Assembly

React

Bash/Batch

Software Testing

Recently graduated with BSc in Computer Applications (Software Engineer) from DCU. I have completed a three-month internship in DCU working within a project team developing software and a plethora of customer support. The past year I have been improving my knowledge in programming as well as incorporating new skills along the way working on personal projects. Adaptable to change and always eager to learn new skills and to apply my expertise on a larger scale.

EDUCATION

LEAVING CERTIFICATE

SEPTEMBER 2010 -SEPTEMBER 2015

Belvedere College

B. Sc COMPUTER APPLICATIONS & SOFTWARE ENGINEERING

SEPTEMBER 2016 -SEPTEMBER 2020

DUBLIN CITY UNIVERSITY

Subjects: Computer Programming, Data Warehousing & Data Mining, Concurrent and Distributed Programming, Advanced Algorithms and AI Search, Web Design

EXPERIENCE

Intern

JUNE 2019-AUGUST 2019

DCU

Worked as part of a project team to develop a system funded by Vista Milk for automated web scraping of dairy produce of which was then translated from CSV format to a SQL database. A Django web framework was used to host a website to display each scraper's success or failure.

Testing was also automated using Jenkins. Agile scrum methods were done on a weekly basis. Utilised Python, Django, Jenkins, Bash, Batch, Git, logging, Selenium, Beautiful, Soup, SQL, Pandas

Part Time/Full Time Employee

2015-2017

Nolan's Supermarket

Full time employee as a shopfloor assistant in Nolan's supermarket. Responsible for stock taking, restocking shelves as well as catering for customer inquiries of their needs. Overall, as my first job I learnt a lot about my responsibilities of being employed, giving my utmost contribution and showing equal respect to fellow workers

Part Time Employee

2018

Supervalu

Worked within a deli department as a team of five colleagues. Responsible for opening and closing the deli, stock checking, taking orders for new stock, cooking, cleaning and serving customers. This job was another example of my experiences with customer service and working within a team

Projects

DCUGO

A Unity based mobile application that directs students around a 3D map interface of DCU campus and will be guided to their next lecture based on the student's course code, year and timetable.

Mylio

Android Application that records a user's grocery produce via image recognition of receipts and aims to prescribe recipes based on available goods.

Web Scrapers

An automated web scraping system. Data is sourced from thirty-eight sites which is stored in a SQL database and is monitored through a Django web framework.

Chat Application

Web server chat application using web sockets. Users can login with their own username and join a room by giving its name. From there, they can send messages to other users in the room and send their current location.

Task Manager Application

Simple web server for handling HTTP requests and parsing json data received. A visitor to the site can create an account, update their profile picture or account details. All accounts have their own authentication token represented by a json web token their details are stored on a mongo DB server.