Robin O'Shea

Software engineer

Profile

Graduated with BSc in Computer Applications (Software Engineer) from DCU. I have completed an 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

B. Sc COMPUTER APPLICATIONS & SOFTWARE ENGINEERING   Sep 2016 - Sep 2020
DCU
Subjects: Computer Programming, Data Warehousing & Data Mining, Concurrent and Distributed Programming, Advanced Algorithms and AI Search, Web Design

Leaving Certificate   Jan 2010 - Jan 2015
Belvedere College

Employment

Software Developer Intern   Jun 2019 - Oct 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. Utilized Python, Django, Jenkins, Bash, Batch, Git, logging, Selenium, Beautiful, Soup, SQL, Pandas

Deli employee   Sep 2018 - Jul 2019
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

Mylio
Web server chat application using web sockets. Users can login with their own username and join a room by giving its groupID. From there, they can send messages to other users in the room and send their current location. Client and server side of the project are composed using JavaScript with moustache library to dynamically generate broadcasted messages into the chat and NodeJS to host the socket server using socket.io library and express framework

Task Manager Application
Simple web server in NodeJS 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. Details are stored on a mongo DB server, Data sanitation, filtering and validation are done using mongoose library

Personal details

Name
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County
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Skills

Javascript

React

Nodejs

HTML/CSS

Python

Java

Bash/Batch

MySQL

MongoDb

Software testing

Communication

Project Managment