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
Dublin City University, Dublin
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
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

Projects

Chat Application
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 with NodeJS to host the socket server using socket.io library and express framework.

Task Manager App
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

Website
robin-shea.com

LinkedIn
linkedin.com/in/robin-o-shea-035b2a223

Github
github.com/RobinOShiaa

Email
robinoshea10@gmail.com

Phone number
0830795030

Address
37 Carrick Brack Heath Sutton

Country
Ireland

County
Dublin

Postal Code
D13

Skills

Javascript

Typescript

Node.js

React

HTML/CSS

Python

Java

Bash/Batch

MySQL

MongoDB

Software testing

Bash/Batch