

Joshua Cassidy

Enthusiastic and eager to utilize skills and abilities through working hard and learning about the world of computer science and Machine Learning.

Main assets:

- Self-taught in Java, Python, C#, PHP and JavaScript.
- Involved in a wide variety of projects such as analyzing data about movie ratings using python. A Dublin Bus application and many more applications all of which can be found: <https://github.com/joshuacassidy>

Qualities

- Communication
- Hard Working
- Works well in teams
- Problem Solving
- Flexible Approach
- Analytical Thinker
- Passionate about Learning

Computer Skills

- Languages: Java, Ruby, Python3, JavaScript, PHP, C#
- Database Languages: SQL, MongoDB, JSON, XML
- Testing Frameworks: Jest, Mocha, Chai, Junit, Selenium, Istanbul
- Web development: Node.JS, Express.js, React, JAX RS, Flask, .Net

Achievements

- Created a website for Moatview Early Education Centre at webmas - a charity event
- Developed a dynamic web application and API for Webbiz
- Achieved a 1:1 average grade in BSc Honours Computing in first year
- Completed the Ellucian Internship Program
- Developed a chatbot PoC that uses reinforcement Learning for Ellucian

Interests

- General interest in Computer Science and Machine Learning
- Interested in vintage computers and gaming hardware
- Creating Programs and Applications on GitHub.
- Engaging in Udemy and Datacamp courses
- Geology and Fossil Hunting
- Member of the IEEE

Education

Course:	BSc (Honours) in Computing
Currently attending:	The National College of Ireland
Dates:	2016 - 2020
Course:	Leaving Certificate
Second Level:	Mount Temple Comprehensive School
Dates:	2009 - 2015

Employment

Date: May 2018 – August 2018

Organisation: Ellucian

Tasks:

- Working as a team member of the Marvel Scrum team.
- Creating, Testing and Code reviewing PL/SQL APIs.
- Attending the Marvel Scrum Team Agile Ceremonies.
- Creating, executing and reviewing test cases for the Quercus and Elevate products.
- Used Node.js, Express.js, EJS, JSON and XML to develop the backend of Ellucian Ian.
- Used HTML, CSS, MaterializeCSS, JavaScript and jQuery to develop the frontend of Ellucian Ian.
- Testing Ellucian Ian using: Mocha, Chai, Istanbul and Selenium.
- Used Java8, JUnit5 and Selenium Web Driver to test the Quercus and Elevate Products.

Date: May 2017 – September 2017

Organisation: Webbiz

Tasks:

- Developing a Dynamic Financial Planning Application to be used by the sales team for seamless user experience.
- Using React.JS to develop the front-end and UI of the Application.
- Developing a Node API that was integrated with the Application.
- Using Jest to test the frontend of the react Application and mocha/chai for the Node.js API.
- Deploying the Application on Heroku.
- Presenting the Application and API to the CEO and lead developer once the development, testing and documentation process was completed.

Date: December 2016 – January 2017

Organisation: 37 Dawson Street

Tasks:

- Working as part of the bar support staff team that made and received radio calls.
- Ensuring the dancefloor and whiskey bar was a safe and comfortable environment for customers.
- General maintenance of all areas of the premises including waste disposal and the smoking area.

Date: June 2013 – May 2016

Organisation: Oxfam

Tasks:

- Fixing and troubleshooting electronic/computer issues.
- Working on till dealing customers.
- Answering the Oxfam phone and taking inquiries.

Referees available upon request