Address: 6 Hill Drive, Malahide, Co. Dublin
Email: joshcassidy79@gmail.com
Website: https://joshuacassidy.github.io/portfolio
LinkedIn: https://www.linkedin.com/in/joshcassidy

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, R, 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#, R
- Database Languages: PL/SQL, MySQL, MongoDB, Elasticsearch
- Testing Frameworks: Jest, Mocha, Chai, Junit, Selenium, Istanbul, Mockito, Cucumber-JVM, utPLSQL, Shunit2
- Web Development: Node.JS, React, JAX-RS, Flask, .Net, Oracle Apex, Slim
- NLP and Machine Learning: NLTK, Rasa, Sklearn, Keras, Tensorflow, RWeka
- Version Control: Tortoise SVN and GIT

Achievements

- Created a website for Moatview Early Education Centre at a charity event
- Achieved a 1:1 average grade in BSc Honours Computing thus far
- Developed a chatbot called Ellucian Ian that uses Semi-Supervised
- Developed a new logging Pipeline for Ellucian
- Developed an Automated code review system

Interests

- General interest in Computer Science and Machine Learning
- Interested in vintage computers and gaming hardware
- Creating Programs and Applications on GitHub.
- Engaging in LinkedIn Learning, Udemy, and DataCamp courses
- Geology and Fossil Hunting

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

Organisation: Ellucian   Date: January 2019 – July 2019

Tasks:
- Developed, Tested and Code reviewed PL/SQL APIs.
- Created, Tested and Code reviewed the JavaScript and Oracle Apex frontend.
- Attending the Marvel Scrum Team Agile Ceremonies.
- Created, executed and reviewed test cases for the Quercus and Elevate products.
- Developed an Automated Code review System using SonarQube, GIT, Python, unittest, PL/SQL, Bash, shUnit2.
- Researched, designed, developed and tested a new logging Pipeline for Ellucian using Bash, shUnit2, Elasticsearch, Kibana, PLSQL, utPLSQL, cron, Java, Cucumber-JVM, Junit and Selenium Web Driver.
- Researched, designed, developed and tested a logging prioritisation to detect the most critical issues in an instance of Quercus using Python, Sklearn, unittest, Elasticsearch, JavaScript, Java, Junit and Selenium Web Driver.
- Using GIT and Tortoise SVN for version control.

Organisation: Ellucian   Date: May 2018 – August 2018

Tasks:
- Developing, Testing and Code reviewing PL/SQL APIs.
- Creating, Testing and Code reviewing the JavaScript and Oracle Apex frontend.
- 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 with the MVC design pattern.
- Used HTML, CSS, MaterializeCSS, JavaScript and jQuery to develop the front-end of Ellucian Ian.
- Testing Ellucian Ian using: Mocha, Chai, Istanbul and Selenium with JUnit.
- Used Java, JUnit5 and Selenium Web Driver to test the Quercus and Elevate Products.
- Used GIT and Tortoise SVN for version control.

Organisation: Webbiz   Date: May 2017 – September 2017

Tasks:

- Developed, tested and Deployed a Dynamic Financial Planning Application to be used by the sales team for seamless user experience.
- Developed, tested, and Deployed the UI of the application using React.JS and Jest.
- Developed, tested, and Deployed the Backend of the Application using Node, Mocha and Chai.
- Created and Deployed the MongoDB database.
- Used GIT for version control.

Organisation: 37 Dawson Street   Date: December 2016 – January 2017

Organisation: Oxfam   Date: June 2013 – May 2016

Referees available upon request