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| University Degree MSCI mATHEMATICS | Academy Stream dATA |

## Summary

Reagan thrives in challenging situations and thoroughly enjoys dealing with complex problems. As a consultant, he is dedicated to continuous self-development to produce the highest quality of work. He is passionate about sharing his knowledge with others, which has developed into the ability to explain difficult ideas to people of differing capabilities. He has demonstrated this teaching ability through working as a tutor for secondary school students. Reagan’s honest and welcoming personality means he is easy to work with and provides support and cohesion for any team he joins.

## Skills

* Team worker
* Organized
* Mentoring
* Active listener
* R
* Python
* Advanced Excel
* Agile

## Academy Experience

#### Business Skills

A continuous development that explores the world of business and projects therein. A focus on understanding their role within organisations and communicating effectively with the people around them.

Skills: Effective communication, networking, negotiation, project life-cycles, development life-cycles, time and task management, stakeholder analysis/management, memory techniques, network diagrams, WBS and dependencies, presentation skills.

#### Software Testing

Spartans are pushed to become diverse testers with a wide breadth of competencies across traditional and modern projects in real world scenarios.

Skills: Developing and managing test cases and strategies, test design, structured exploratory / session / risk / functional / usability / performance based testing, black box/white box techniques, JMeter, defect management, root cause analysis, Jira.

#### Automation

Combining a testers mind with a developers’ skill-set, this is not just theory - labs and drills are run regularly on real life projects to build confidence ready for work on client-site.

Skills: Cucumber, Capybara, Gherkin, Selenium Web-driver IDE, BDD, TDD, specification by example, RSpec, SBE, features and scenarios, writing features, page and data models, page objects.

#### Web Technology

A mixture of fundamental to advanced skills where they learn to develop websites and test them using a wide range of technologies within self-generated projects.

Skills: BASH, HTML & CSS, JSON, XML, JavaScript, debugging and tools, Text Editors, Web Inspectors, Git and Github, Fundamentals of Testing, RESTful APIs, information architecture, accessibility, Responsive CSS, CSS Frameworks, The DOM, JQuery, AJAX.

#### Agile

Practiced continually throughout the academy, the mind-set, ceremonies, and continuous integration creates a highly knowledgeable agile expert.

Skills: Scrum, user stories, personas, acceptance criteria, backlog and estimation, retrospectives, stand-ups, Kanban, agile tooling, continuous delivery, extreme programming.

#### Ruby and databases

As a second language taught at the academy, Ruby is perfect to assure your automation framework will be utilised optimally.

Skills: Relationships and modelling, functions, classes and objects, building web apps, Sinatra, ERB Templates, Rails, Routing, validations, relationships, authentication, asset pipeline, advanced relationships and nested resources, Heroku, database interaction, SQL.

## Academy Projects

#### Name of Project:

Achievements*:*

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Achievements*:*

## 

## Employment History

#### From July 2015 To january 2019

#### Technical systems uk ltd

#### engineer

This role as an engineer developed his interpersonal skills, through interacting with other team members, communicating with clients at job sites and coordinating with managers. The job involved joining a mature team in the middle of a project to help meet their deadline of producing and delivering a clothes bagging machine to Sainsburys, therefore, this role required the ability to rapidly learn new techniques and processes.

#### From septmeber 2013 To june 2014

#### Trinity catholic high school

#### Tutor

Reagan’s role as a tutor involved explaining new mathematics concepts to students of differing skill levels; assessing each student through interactive exercises and end of term assessments and providing feedback to each student and their parents. The role also required a level of responsibility and accountability as he needed to prepare all work material and keep a thorough record of attendance.

## 

## Education

#### From september 2014 To july 2018

#### university of bristol

#### MSCI mathematics

#### First class honours

###### Modules:

###### 1st Year: Analysis, Calculus, Linear Algebra and Geometry, Foundations and Proofs, Probability, Computational Mathematics, Statistics, Mechanics, Introduction to Group Theory

###### 2nd Year: Multivariable Calculus, Statistics, Methods of Complex Functions, Ordinary Differential Equations, Mechanics, Applied Partial Differential Equations

###### 3rd Year: Fluid Dynamics, Bayesian Modelling, Quantum Mechanics, Information Theory, Financial Mathematics, Mathematical Methods, Calculus of Variations

4th Year: Monte Carlo Methods, Advanced Fluid Dynamics, Quantum Information Theory, Complex Networks, Asymptotic, Quantum Computation, Stochastic Optimisation

###### Final Project: “Randomized Load Balancing”- This project required the theoretical and statistical analysis of different balancing algorithms, in the allocation of tasks at a server network.

## Certifications

#### Certification Name

#### Body

###### Example Modules: List your modules

## Hobbies/extra Curricular activities

* Squash – In order to keep fit he plays squash once a week at his local club.
* Politics – He enjoys keeping up to date in both British and American politics.

## Volunteer Work

###### After School Activity Leader

###### Trinity Catholic High School: Reagan ran mathematics taster classes for younger students who excelled at mathematics. This included presenting topics in mathematics; preparing exercises to test the students understanding and engaging the students with group activities.