

FAHRAN WALLACE

BACK END SOFTWARE ENGINEER ■ JAVA, SCALA, RUBY ■ GOOD CODE. WILD ENTHUSIASM.

PROFESSIONAL SKILLS

WEB APP DEVELOPMENT

- + 3 years experience creating robust Java & Scala apps
- + Rapid prototyping in Ruby & JavaScript

CORE SKILLS

- + Java, Scala, TDD, Object Orientation, Spring MVC
- + Spotting pain points, finding & implementing solutions

EXPERIENCE WITH

- + Ruby, Sinatra
- + HTML, CSS, Javascript
- + Git, CI, Jenkins, Selenium, AWS, Devops
- + Machine Learning, Information Security
- + Android, Gradle, Groovy

EDUCATION

Coursera, Online Courses

- + Functional Programming Principles in Scala
- + Computer Networks
- + Machine Learning
- + Programming Languages
- + An Introduction to Interactive Programming in Python
- + Programming Mobile Applications for Android
- + Game Theory

2006-2010

BA Physics, Keble College, Oxford

- + 2nd Class Honours
- + Distinction in dissertation - classifying galaxies using Machine Learning for the Galaxy Zoo

1993-2006

Higher Education, Truro High School

- + A-levels (A): Physics, Maths, Further Maths
- + AS-level (A): ICT
- + GCSEs: 11, 9 at A*

WORK EXPERIENCE

2012-Present
O2, Telefónica

SOFTWARE ENGINEER

Delivered a variety of key applications across O2's online estate, including the Shop and MyO2.

- + Voted UK Website of the Year, 2014
- + Embraced the Extreme Programming Agile development style, including TDD, CI and pair-programming, as a method of delivering high-quality code.
- + Learned the value of maintaining simplicity and good design, and practised refactoring large codebases.
- + Took a lead on the security of O2's online offering.
- + Evangelised good practice, especially around CI, and created tools to solve the problems of other teams.
- + Created quick prototypes as solo projects, to aid the business in choosing direction while limiting costs.

2011-2012

SOLO PROJECT, FACEBOOK GAME, DOODLEVINE

Created drawing-based social game for the Facebook platform.

- + Experienced the breadth of the creative process, from initial design to writing the database schema and HTML.
- + Used Google App Engine to create scalable Java-based back-end.
- + Designed and implemented clean, intuitive UI, using HTML5, CSS, JS, JQuery & Canvas.
- + Developed project management skills, balancing perfectionism with time constraints.

EXTRAS

OUTREACH

- + Love teaching kids to code.
- + Organised 70 girl hackathon with the Stemettes.
- + Founding member of O2's TechStars, teaching HTML.

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