

JONATHAN SCOTT

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EDUCATION

SOUTHAMPTON UNIVERSITY, 2010-2011

MSc Software Engineering (Distinction)

Average Grade: 81%

Received the Winston Capital prize for top student

Modules included: Enterprise Web Development (88%), Research Methods in Computing (80%), Agile & Object Oriented Development (83%), Advanced Topics on Web Services (72%), Safety Critical Systems (85%), Software Project Management & QA (79%), Semantic Web Technologies (86%), Social Networking Technologies (81%), Formal Methods in Computing (78%)

UNIVERSITY OF SUNDERLAND, 2007-2010

First Class BSc (Hons) Computing

Average Grade: 81%

Received award for best individual in Yahoo Hack Challenge

Modules included: Dissertation/Project (79%), Advanced Database Concepts (85%), Graphics and Image Processing (74%), Advanced Software Engineering (75%), Advanced Object-Oriented Development (82%)

SELECTED WORK EXPERIENCE

SOFTWARE DEVELOPER, WAZOKU LTD — 2012-PRESENT

Wazoku produce cloud based idea management tools for SMEs. In my role here I'm involved in the entire technology stack - from the Python/Bottle based API to the Clojure based scoring system. Primarily though I work with Django on the server and Coffeescript on the client. We also use CouchDB for data storage.

SOFTWARE DEVELOPER, LINGSCARS.COM — 2008-2010

Maintained a large legacy website.

Developed a new, efficient framework for use in white label websites to extend the company's services to other brands.

Created a live site map showing customers moving around the pages of the website in real time. This used the WhosOn visitor tracking software and involved writing a custom Java client and a Javascript front end.

OTHER SELECTED EXPERIENCE

COGNATUS RELATIONAL ALGEBRA SIMULATOR

<http://jscott.me/cognatus.html>

Created as part of a third year undergraduate project.

Allows undergraduate and masters level students to interact with live databases using relational algebra.

Created with PHP, Javascript (Using jQuery), HTML, and CSS.

It was presented at the 8th International Workshop on Teaching, Learning and Assessment of Databases and is now being used for teaching students of the University of Sunderland.

JSUNDOABLE

<http://jscott.me/jsundoable.html>

Javascript undo manager using the command pattern and roughly based on the Cocoa undo manager.

Featured on Smashing Magazine's "45 Fresh Useful JavaScript and jQuery Techniques and Tools" (March 12th, 2010)

VETO FORM VALIDATION LIBRARY

<http://jscott.me/veto.html>

Flexible PHP/Javascript form validation library usable on both server & client. Used for projects internally at LINGSCARS.

STUDENT REPRESENTATIVE

Served as a representative of the student body to faculty during my time at the University of Sunderland. This involved coordinating student meetings and being present at student-staff meetings to represent the views of the students.

A complete listing of my projects is available at <http://jscott.me>

SELECTED SKILLS

HTML, CSS

Strong abilities using (X)HTML with standards compliant markup and CSS. I also have experience dealing with non-compliant HTML and CSS while at Lingscars.

PHP

Good experience using PHP while at Lingscars. Created a web framework for the creation of white label sites.

PYTHON

Experience with Python, both in personal projects and while working for Wazoku. I have experience working with the Django and Bottle web frameworks. I have also written Python applications to run on Google App Engine.

JAVASCRIPT (+ JQUERY)

Strong experience using Javascript and jQuery in particular. Created a complicated rich internet application using jQuery for undergraduate project (Cognatus).

JAVA

Achieved 83% in undergrad and 82% in MSc courses which involved Java.