

# PETER WEST

## CURRICULUM VITAE

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**TECHNICAL EXPERTISE** Enthusiastic Software Engineering student looking for exciting work in researching the web. Skills include: web development using standards-compliant HTML5, CSS, JavaScript and PHP, Java Programming and OpenGL. Experienced in agile development and team leadership.

**Web** JavaScript, PHP, Python, MySQL, HTML5, node.js, XML, CSS, WebGL, jQuery, SVG, Facebook, Twitter.

**Programming** Java, Scheme, C, OpenGL 3 with GLSL.

**Applications** Windows, Linux, Latex, SSH, SVN, Mercurial, Git, MS Office, Google Docs, Photoshop.

### EMPLOYMENT Intern at Open Data Institute (Summer 2012)

Worked as website developer and research assistant. Worked with Drupal and experimented with visualising open data, especially geographical data from Transport for London and Ordnance Survey.

### Intern at EnAKTing, University of Southampton (Summer 2011)

Worked with researchers in Web Science at University of Southampton on the uses of open data and linked data in the context of social networks, specifically pertaining to health.

### Web Developer (2006 to present)

I have been responsible for the design and development of numerous successful websites. Clients have included individuals and small businesses. Two clients were NeedMoreSales and Bulgarian Furnishing:

#### 2012-2013 **SOCIAM** *Social Machines Research Group, ECS*

Drupal website. Use of data sources such as EPrints, Google Docs and RSS feeds. Worked closely with the research group to elicit requirements.

#### 2007-2010 **NeedMoreSales** *Telemarketing company*

Website developed using Joomla CMS, HTML, CSS, PHP, MySQL and JavaScript. Integrated Google AdWords and Analytics. Worked and communicated with a design company (360 design) to rebrand NeedMoreSales. Provided tuition and documentation. Served as a technical consultant to NeedMoreSales for three years.

#### 2007-2008 **Bulgarian Furnishing** *Furniture providers in Bulgaria*

Designed and implemented with focus on accessibility (compliance with the DDA) and search engine optimisation. Integration with an ordering system. Provided tuition and documentation for website software.

### PROJECTS Being with people with similar interests at University has allowed me to participate in a variety of projects:

#### 2013 **Your4** *Personalised, Interactive TV Service for Tablets*

Group coursework at University of Southampton. Team leader. Worked with inqb8r to develop a TV service which would improve view engagement with programmes and adverts. Presented work in front of cameras for Channel 4 executives. First-class.

#### 2012 **Third Year Project** *Capturing Rationale Behind Recommendations*

Independent research into designing an efficient mobile interface for capturing rationale behind peer-produced recommendations. Involved project management, background research, surveys and user studies. First-class.

#### 2011 **LIGHTS** *Airport lights and markings staff training system*

Group coursework at University of Southampton. Agile development, UML, SVN. Uses Civil Aviation Authority specifications. Renders airport in 3D (OpenGL). Chosen by a member of BAA as one of the best projects. First-class.

**EDUCATION** **University of Southampton**

Software Engineering MEng, currently completing fourth-year. High attainer with majority first's. Topics I have studied include Artificial Intelligence, Human-Computer Interaction, Computational Systems, Computer Graphics, Scripting Languages, Hypertext and Web Technologies and Critical Systems. Was a course representative for second-year Software Engineering and member of Student-Staff Liaison Committee.

**Uckfield Community Technology College**

**A-Levels** Mathematics (A), Electronics (A), Applied ICT (B) and Physics (B).

**GCSEs** Mathematics (A), ICT (A), Physics (B), Biology (B), Graphics (B), English Lit. (B), English Lang. (B), Statistics (B), Business Studies (B) and Media Studies (B).

**INTERESTS** I regularly run, cycle and swim, enjoy reading and photography. I enjoy hiking and mountain climbing, and more recently, windsurfing. Currently aiming to complete Duke of Edinburgh Gold Award. Member of the IEEE.

**References available on request.**