

George Buckenham

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Education

M.A. Cognitive Science, University of Edinburgh, 2009

Employment

Jan 2010 - present Technical Support Engineer at OpenMarket. Diagnose problems with customer's integration with our APIs, liaise with networks when they break, develop internal tools and provide desktop support throughout the office.

Programming Experience

OpenMarket Ticketing PHP, MySQL, Javascript, CSS, HTML, Perl : Maintain and develop new features for our established ticketing system. For instance, reskinning the interface, adding new features, extending the API. Also, a Thunderbird extension, allowing common tasks to be performed without opening the web interface.

<http://nottheinternet.com/hell> C#, .Net, PHP, Unity3d, Boo, XML : A 2D shooter where you play against the ghosts of previous players. Written in Unity3D.

<http://nottheinternet.com/cubes> and <http://nottheinternet.com/spheres> Unity3D, Boo : A experiment with a novel control scheme. Written in Unity3D.

Thesis - Cricket Visual Homing MATLAB : I implemented multiple algorithms to simulate goal-seeking behaviour in crickets. These ran in simulation and on a robotic platform. In addition, I wrote custom software to track crickets and control lights based upon their position.

<http://freshair.org.uk/> XHTML, CSS, wordpress, PHP : I redesigned the website, customizing themes, adding custom sidebars and adding support for streaming from within the site.

Autonomous Robot C : A ball-collecting robot written in C using as little state and as much reflexive behaviour as possible. Won the class competition.

Miscellaneous projects Java, Haskell, strong Linux experience, SVN, Git : Multiple projects throughout university, including a TCP implementation, image tracking software, last.fm integration with RDF.

Work experience

June 2009 Usability evaluator for CBT therapy websites.

May 2009 Co-presented a workshop on optobots for primary children (at the IT4U event)

2008/2009 Assisted with workshops on robotics and programming to secondary and primary school pupils with the university, including mentoring a school team in the First Lego league competition.

2007/2008 Head of News and Features at university radio station. Responsible for training members in news reading and making features, and produced weekly news show and daily headlines.

April 2007 Demonstrator at the Science Festival, explaining and running exhibits for children and adults.