

# Michael Slater

CURRICULUM VITAE

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## Employment

**2012-2013 - iOS Engineer at zeebox (<http://www.zeebox.com>, AppStore <http://sltr.me/ldRnxsm>)**

Involved in all areas of architecting, refactoring, building, updating and maintaining the zeebox universal iOS app. Worked closely with in-house UX, design, and back-end service teams. Work includes use of standard Cocoa Touch, Foundation and Core Foundation frameworks, contributing to a custom networking framework and extensive custom UIView and UIControl creation and layout. Ran a team responsible for delivering the TV Rooms social feature on all platforms. Inventor on two patents.

**2011-2012 - RA at Cambridge University Engineering dept. - StroMoHab stroke rehabilitation system.**

Responsible for redesigning the UI and UX as well as finalising features for, and developing, a motion capture based augmented reality stroke rehabilitation system at the University of Cambridge. The system will be entering clinical trials as well as being distributed across the UK later this year. Written in C#.

**2009-2011 - Designer and programmer of KidzEyez system for measuring the peripheral vision of very young children (article from The Engineer <http://sltr.me/xREHlj>, YouTube <http://sltr.me/sJSyGV>).**

Initial work was undertaken during final year at University and the system is being commercialised in association with Addenbrooke's Hospital, Cambridge and the Universities of York and Cambridge. Clinical trials have been highly successful (see YouTube video). Patent: GB0915136.6, WO/2011/023948

The system is mainly written in C++ with Qt with sections in Objective-C and runs on Mac OS X.

## Skills

**Advanced knowledge** of Objective-C and git

**Proficient** in C, C++ (with the Qt framework), C#

**Working knowledge** of Ruby, Python, LaTeX, HTML, CSS, Java

**Good working OS knowledge** of Microsoft Windows, Mac OS X and Linux (Ubuntu, Debian)

**Experience of media packages** including Illustrator, Motion, Final Cut Pro, Photoshop and InDesign

Extensive design experience including logos, websites, apps, posters, flyers and brochures.

## Products

**QuinnDraw** an iPhone, iPod Touch and iPad drawing application for young children. <http://sltr.me/JL3X8n>

**Etch** an iPhone, iPod Touch and iPad drawing application. Featured in The Guardian <http://sltr.me/li3KdL9>

**Task bar notifier** <http://sltr.me/19A62gE> - written before the official SDK was released.

**Tipple** (formerly Waverun) a service providing real-time bar and club discounts via SMS, has operating in Leeds, York, and Nottingham with planned expansion to other cities. Developed with colleagues at York University.

Finalist in 2010 PolyU Innovation and Entrepreneurship GSC - final held in Hong Kong.

## Arts

**2012-2013** Third horn in Camden Symphony Orchestra

**2005-2013** Director, No Shoes Theatre, including five years at the Edinburgh Festival Fringe

## Education

**2005-2009 - University of York**

MEng (Hons) Electronic Engineering with Media Technology – 2:1