

Greg T Elliott

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Projects 2008

SynchStep | Independent

Developed an iPhone application that plays music to match your pace; it has had 350,000 downloads in five months.

Obsessable | Crowd Fusion

Staff writer for a personal technology destination site.

Open-Source Tempo Analysis API | Independent

Developed a C++ API for automatically determining the tempo of music.

Pitti.Mobi | MIT Mobile Experience Group

Developed museum tour-guide iPhone application for MIT Mobile Experience Group.

Dailymotion | POKE New York

Lead UX designer for the complete redesign of 'The YouTube of Europe.'

2007

Teroforma | POKE New York

Lead UX designer virtual table and tableware flash application.

KY Keep Life Sexy | POKE New York

Assistant UX designer for flash application that asks the world to define 'sexy' and visualizes the results.

BBC Love Earth | POKE New York

Assistant UX designer of resource site for BBC that allows users to follow along with wildlife journalists.

PublicSoundtrack | Independent

Custom-built, embedded Linux MP3-player that synchronizes the dances of multiple people.

R&D Resource Site | Steelcase

UX, graphic, and front-end designer of internal site that facilitates collaboration between Steelcase's separate research groups.

2006

PersonalSoundtrack - Independent

Custom-built, embedded Linux MP3-player that plays music to match your pace.

2004

MediaReviewer - Interactive Cognition Lab

Redesigned UI of ethnographic analysis tool, focusing on visualizing complex subject activity.

History Slider - Interactive Cognition Lab

Developed tool in C# that allows users to quickly "get on the same page" after prolonged absences.

2003

Property management site - Western Financial Planning

Developed web-application to manage real-estate properties for realtors and buyers and sellers.

Fraudulent credit card detection site - Novatech

Developed web-application to detect and identify fraudulent credit card transactions.

2001

E-Learning - Interactive Cognition Lab

From 2001 to 2006, single-handedly designed and built a complete online E-Learning system over the course of five years under the supervision of Dr. David Kirsh. The system is still in use at the University of California, San Diego and Irvine schools today.

2000

WebVote - UCSD, Pediatrics

Developed web-application for departmental voting, automatically synchronizes local and remote databases.

Departmental website - UCSD, Pediatrics

Developed online site for the University of California, Pediatrics.

Publications **Exploring the Role of Efficiency through Device Design**
G. Elliott. 2007. Master's Thesis. Arts Computation Engineering program under Informatics and Computer Science. 147 pages.

Every Object has a Story

G. Elliott. 2007. Accepted to the North Eastern Conference on Artificial Intelligence at Cornell. Ithaca, NY.

PersonalSoundtrack: Context-aware playlists that adapt to user pace

G. Elliott, B. Tomlinson. 2006. Embodied Mobile Agents, In: ACM Conference On Human Factors In Computing Systems (CHI 2006), Work in Progress. Montreal, Canada. p. 736-741.

Skills **Operating Systems**

Fluency in Mac OS X, Linux (Ubuntu, Debian), Windows (XP, 2000)

Software

Current projects: Objective-C, C, C++, Xcode, Interface Builder, Photoshop, Illustrator, Axure, OmniGraffle, JQuery & Javascript, CSS & HTML

Past projects: SQL, Python, Assembly, PHP, Java, C#, VB.NET, Objective-C, ASP, AJAX

Hardware

Micro-Linux boards, embedded system, accelerometers, PIC, developing custom circuits

Teaching
2007 Computer Audio and Music Programming, Teaching Assistant
2006 Digital Media: History & Foundations, Teaching Assistant
2004 Cognitive Aspects of Multimedia Design, Teaching Assistant

Grants
2006-2007 California Institute of Telecom. and Tech. (Calit2), Emulex Fellowship
2006 University of California, Irvine, Dept. of Informatics, Grant
2005-2006 University of California, Dean's Fellowship

Press & Shows
2008 Contagious Magazine
2008 Interview: Creativity Magazine
2008 Interview: AdWeek Magazine
2008 TUAW
2007 Presentation at MIT Media Lab on iPhone Hacking
2007 Orange Coast Magazine
2006 Interface Magazine
2006 Digg.com
2007 ACE Graduation Show
2006 Southern California Computing in Music (SCCiM)
2006 DorkBot Southern California

Education **2007 MS, Computer Science & Informatics and Arts Computation Engineering**
Interdisciplinary Program
Committee: Simon Penny, Paul Dourish, Bill Tomlinson, David Kirsh
University of California, Irvine

2004 BS, Cognitive Science with Specialization in Computation

Minor in Computer Science
Honors Thesis Committee: David Kirsh, Rik Belew, Dan Bauer
University of California, San Diego