

David Golightly

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OBJECTIVE

To contribute creatively and technically to challenging projects demanding access to my diverse range of skills and interests.

SKILLS

Languages: Objective-C, Java, C, JavaScript, Ruby, Python, SQL, C++

Mobile Platforms: iPhone SDK, Cocoa Touch, Core Animation, Core Audio, Core Graphics, Quartz; Android SDK; Blackberry; Palm Pre

Web Development: HTML/XHTML, CSS (Semantic markup), AJAX, DHTML, JSON, XML, XSLT, XPath, Rails, TurboGears, Browser Compatibility, W3C Standards Compliance, Google Maps/Virtual Earth API

Audio: Supercollider, PureData, Csound, Max/MSP, Logic

Video: Processing, Final Cut

Operating Systems: Windows/Windows Command shell, UNIX/Linux, Mac OS X

Office Skills: Word/Excel/PowerPoint/Access, Type 75 wpm

PROFESSIONAL EXPERIENCE

1.2009-12.2009

GoTime Corp (Seattle): Developer/Architect

- Lead developer and software architect for GoTime's mobile platform. Shipped:
 - multiple versions of "Nightlife" and "Happy Hours" iPhone applications in Objective-C/Cocoa Touch, including supporting server APIs
 - native Android application using Java and the Android SDK
 - mobile version of the GoTime website in Ruby on Rails, HTML, and CSS
 - basic native Blackberry application using Java and the RIM SDK
- Introduced test-driven development practices

11.2008-ongoing

Substantial (Seattle): Contract Software Development Engineer

- Sole developer on "What's New" iPhone game, deployed February 2009
- Developer on "DopeTracks" audio app, responsible for designing client-side Objective-C object-oriented audio APIs on top of native C-based CoreAudio (release TBA)

12.2006-11.2008

Zillow.com: Lead Front-End Software Development Engineer

- Drove front-end architecture in Search, Maps, Estimation, Imaging, and Mortgage and other sitewide features

- Developed site-wide JavaScript library
- Established company-wide JavaScript/HTML/CSS coding standards, design patterns, and best practices
- Developed native iPhone rich mapping application using Objective-C and Cocoa Touch
- Developed and advocated for standards-based XHTML/CSS and semantic markup
- Mentored other developers on JavaScript and other front-end techniques
- Introduced and developed sitewide code-quality tools, JavaScript unit testing, and other utilities using Python, Java, and Ant

4.2007-5.2007

Memoria/memoir (Multimedia art installation by Carol Flax): Developer

http://www.carolflax.net/memoria_austin.html

- Developed database and heuristics algorithm for interactive art installation, using Max/MSP, SQLite, and JavaScript

1.2006-11.2006

Volt at Microsoft: Software Design Engineer in Test (Internet Explorer 7 team)

- Developed and maintained Windows test automation in JScript
- Created and maintained test cases for Internet Explorer
- Used debugging software (Windbg, Fiddler, Regmon, etc.) for black-box and clear-box testing on Windows and IE code as well as third-party websites

EDUCATION

8.1997-5.2002

University of Louisville (Louisville, Ky.): Bachelor of Music in Music Composition, Magna Cum Laude

10.2000-7.2001

Johannes Gutenberg University (Mainz, Germany): Full-time exchange study in Electronic Music and German

CONFERENCES

Search Marketing Expo Advanced 2008, Seattle, WA - Featured Speaker (<http://searchmarketingexpo.com/bio.php?id=389>)

Google Developer Day 2007, San Jose, CA - Attendee (<http://code.google.com/events/developerday/2007/mv-home.html>)

Arbeitstagung fuer Neue Musik und Musikerziehung 2001, Darmstadt, Germany - Attendee (<http://www.neue-musik.org/>)

Denmark's Intuitive Music Conferece 2000, Svendborg, Denmark - Participant (<http://www.intuitivemusic.dk/intuitive/dimc.htm>)

Karlheinz Stockhausen Courses 2000, Kuerten, Germany - Attendee (<http://www.stockhausen.org/>)

DEMONSTRATION SITE

<http://www.davidgolightly.net/code>

LANGUAGE ABILITY

English: Native Speaker

German: Fluent

French/Italian: Conversational
Spanish/Dutch: Intermediate

CITIZENSHIP

United States citizen

REFERENCES

(contact information available upon request)

Hauke Genzkow, UX Designer

Bryan Byrne, Project Manager, Yelp.com

Arjun Banker, Developer, Facebook.com