

THOMAS CHAN

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Thomas is an interaction designer and developer with an extensive technical background in web and desktop applications. During his master's degree, he has created immersive and participatory experiences in mobile, web and physical environments. His interactive pieces seek to draw strangers together in intriguing and innovative ways. Professionally, he has spent 7 years building enterprise solutions for Fortune 500 clients. He has contributed in all phases of the software life cycle, including deliverables such as wireframes, storyboards, use cases and rapid prototypes. As a consultant, he has collaborated closely with C-level executives, managers and end users. His graduate experience deepens his capability to architect intuitive UI solutions from concept to product.

PROFESSIONAL EXPERIENCE

iPhone App Developer

Fuzz Productions
Oct 2009 to Present

Performed interaction design and development of iPhone and web apps. Completed **Hot Body Yoga** (in app store) with CMS component. Added feature enhancements for **Men's Health Workouts** (in app store).

Interaction Designer

R/GA
Summer 2009

Conceptualized and designed wire frames, site map for Mars Inc. **BrightIdeas.com**, driving information architecture for all aspects of site. Designed dynamic interfaces for product browsing, comparison and filtering for **Acuvue.com** and **Lactaid.com**, encouraging discovery of new products. Updated enrollment wire frames for **Zyrtec.com** and **Acuvue.com**, streamlining the customer conversion flow.

Sr. Software Engineer

Primitive Logic
May 2004 to July 2007

Rapidly prototyped user interface for best-in-class call center portal, streamlining work processes of customer support staff at **McKesson**. Produced clean and concise wire frames and storyboards during iterative development, validating use cases and client feedback. Designed and developed corporate intranet portal for **Pacific Gas & Electric**, empowering employees with personalization and content management functionality. Designed and implemented rich user interface for **Robert Half** to manage their legal contracts. Developed and launched online order processing system for **Safeway.com** to deliver groceries from 90 stores nation wide.

Bioinformatics Engineer

GE Healthcare
Sept 2001 to April 2004

Responsible for implementation and deployment of Sierra Lab Information Management System and DiscoveryHub data integration tool. Built API for DiscoveryHub's access to disparate bioinformatics databases

Software Engineer

Sapient Corporation
Sept 2000 to August 2001

Developed business and data EJBs for **Harrah's Total Rewards** application, enabling online access for its 20 million members. Performed technical design and implementation of collaboration and document management system for **Chevron**.

Java Developer

Screaming Solutions
June 1999 to August 2000

Developed and enhanced **WebHelp.com**'s search site. Enhanced and debugged GUI applet of a geographic information system.

Graphic Designer

AMS Publishing & Copy Centre
September 1996 to May 1999

Created print and web materials for student and faculty clients, ranging from posters, logos to menus and brochures.

EDUCATIONAL BACKGROUND

M.P.S. Interactive Telecommunications Program (ITP)

Tisch Graduate Scholarship (2008, 2009)

New York University 2009

B.S. Honors, Computing and Information Science

Queen's University, Canada 1999

B.S., Biochemistry

Queen's University, Canada 1998

SKILLS

Design Tools

InDesign
Visio
Photoshop
Illustrator
Final Cut

Languages

Objective C
C++
Java
Actionscript 3
XHTML
XML
CSS
Javascript
Ruby
Arduino
SQL

Frameworks

iPhone SDK
OpenFrameworks
Flex
Processing
Ruby on Rails
J2EE
Swing

Coding Tools

Xcode
Eclipse
Subversion
Git

Databases

MySQL
Oracle
SQL Server

Methodology

OOP
Design Patterns
UML
Agile

Operating Systems

Mac OS X
Linux/Unix
Windows