

JEFFREY QUA

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OBJECTIVE

A position as an **Interaction Designer** or **Web Developer**

EDUCATION

University of British Columbia, Vancouver, British Columbia

- **Bachelor of Science, Computer Science** May 2006
Computer science major with exposure to various fields of computing such as human-computer interaction, usability/interaction engineering, interface prototyping, software engineering, project management, database design and management, networking, logic programming, and visual systems

PROFILE

Freelance Designer, 2003 – Present

- Interaction designer and software engineer with specific interest in interface design. Experience as a Freelance designer for over 3 years; with exposure to a wide range of graphic mediums such as web, print, video, and brand development. Strong technical background with proficiency in principles of programming, usability engineering, and software engineering.

Excellent team player and able to work well with others. Highly adaptive, fast learner, and open-minded. Specific interest in web development and design.

TECHNICAL PROJECTS

Honeywell VisionPRO 8000 Interface Re-design | *Lead Prototype Developer* **Sep 05 – Dec 05**
[<http://www.lostclouds.com/?page=projects&project=VisionPro>]

Group project with 2 other members

Class project for *Computer Science 344* – Introduction to Human Computer Interaction Methods

- Successfully improved the interface of an existing product to increase usability
- Applied user-centered design techniques to identify issues with an existing interface; employed usability engineering strategies such as task/cognitive walkthroughs and heuristic evaluations to isolate problems; performed user observations and interviews
- Developed an improved interface presented as a high-fidelity prototype using Flash

InterruptED | *Project Manager and System Design Phase Lead* **Jan 06 – May 06**
[<http://www.lostclouds.com/?page=projects&project=InterruptED>]

Group project with 5 other members

Class project for *Computer Science 319* - Software Engineering Project

- Developed a unique and innovative software package designed to educate autistic children in the participation of social situations through observation
- Managed overall project progress and team issues; developed initial design for software with interface mockups created from Photoshop; prepared final presentation including product and manual designs

U-Mobile Website | *Designer, Developer, Webmaster*
[www.umobileco.com]

Dec 05 – Present

Collaborative web and identity development project with U-Mobile

- Designed a website targeted towards marketing mobile phones and unlocking services; developed a front-end data listing interface supported with a back-end content management system programmed in PHP interacting with an SQL database

Estate | *Director and Editor*
[www.lostclouds.com/Estate.mpg]

Apr 06 – May 06

Solo video production project
Class project for *Visual Arts 110* – Foundation Computing for the Visual Arts

- Produced a machinima video in the form of a mock movie trailer
- Edited audio/video, video capturing, directing

CMS Development | *Lead PHP Programmer*

Apr 06 – Present

Collaborative website development projects with other website designers

Richmojoe Gallery
InSite Architecture

[www.richmojoegallery.com]
[www.insitearchitecture.ca]

- Programmed back-end content management systems for websites; developed customized XML storing functions for data storage; applied AJAX methodology using JavaScript
 - Programmed in PHP in conjunction with interaction with XML files to store data
 - Merged PHP/JavaScript into existing HTML web design structure to provide an interactive interface

TECHNICAL SKILLS

Proficient:

- HTML, CSS, PHP
- Adobe Photoshop, Adobe Illustrator, Macromedia Dreamweaver, Windows (98/2000/XP)

Working knowledge:

- C, C++, Java, Javascript, ActionScript, SQL, XML
- Macromedia Flash, Adobe Premiere, Apple Final Cut Pro, Adobe After Effects, Eclipse, Visual Studio, Microsoft Office Suite, Unix

LANGUAGES

English:

- Fluent (spoken and written)

Fujian:

- Fluent (spoken)

Tagalog:

- Conversational

Mandarin:

- Basic

HOBBIES AND INTERESTS

- Photography
- Travel
- Architecture
- Engineering
- Product Design
- Movies & Television
- Computer Games
- Reading