



**DUN
HUANG**

+1(519)722-8228
<http://dunxux.com/>
dun.huang@uwaterloo.ca

SUMMARY OF QUALIFICATIONS

- Enthusiastic individual with varied academic background in System Design Engineering (HCI), Mechanical Engineering, and Advertising
- Excellent ability to communicate complex ideas to diverse audience, both orally and in writing strengthened through my experience as Teaching Assistant
- 4 years UX design experience including user testing and prototyping; skilled with heuristic evaluation, data analysis, and user research
- Expert at communicating designs using Adobe CS, Sketch, and Axure; familiar with HTML & CSS; experienced user of Microsoft Office Suite

RELEVANT EXPERIENCE

Teaching Assistant

University of Waterloo, Waterloo, ON, January 2015 – August 2015

- Facilitated the evaluation of the Co-operative Education & Career Action's new website
- Facilitated class discussion in topics related to data collection, heuristic evaluation, and user testing under direction of course instructor
- Collected and classified data from the class evaluation; summarized redesign results
- Guided third year students to finish the course project "Internet of things" design from both hardware and software aspects
- Assessed student learning through group meeting tutorial and evaluating 30 logbooks every week

Director of Network Department in School of Power and Mechanical Engineering

Wuhan University, Wuhan, China, July 2013 - June 2014

- Independently redesigned the website of the Department of Mechanical Engineering
- Designed the special event pages and all related marketing materials using Adobe Photoshop and Adobe Illustrator
- Directed and guided the updating of information on website

Assistant Director of Mobile Department

Ziqiang Website, Wuhan, China, September 2010 - June 2013

- Interviewed, hired and trained 20 new staff
- Maintained the SMS publishing platform which cooperated with all of the three carriers in China and covered half number of students and staffs
- Founded the Wechat public platform for our website and expanded 20,000 users in 3 months
- Founded the Ziqiang Weekly Journal email newsletter program and designed the style of the journal using HTML&CSS language
- Spearheaded and designed user interface for "WHU Mobile", an iOS and Android application which allows student to find available study space on campus

SELECTED PROJECTS

A Mobile Application for University of Waterloo Students, Human Computer Interaction, September 2014 - December 2014

- Designed questionnaire to acquire user habits and use scenarios
- Built low-fidelity and high-fidelity prototypes using Axure and Adobe Photoshop to enable user testing
- Designed the user tests based on the high-fidelity prototype
- Evaluated the application the using heuristic evaluation approach to ensure optimal user experience

Evaluation of the Classified Advertisements Website Kijiji and Craigslist, Cognitive Ergonomics, September 2014 - December 2014

- Measured and compared the mental workload of participants while completing assigned tasks using the NASA-TLX method

ADDITIONAL EXPERIENCE

Founder and Team Leader

Surveying the Volunteer Service on the Western Regions of University Students, Qinghai, China, July 2012

- Organized, planned, and directed this activity
- Outstanding Individual of Wuhan University 2012 Summer Social Practice
- 3rd Prize of Social Practice Excellent Activities Achievements

SKILLS

UX Methods

Usability Testing / Contextual Inquiry / Personals & Scenarios / Sketching / Prototyping / Card Sorting / Storyboarding / Heuristic Evaluation / Cognitive Walkthrough / Think Aloud / A/B Testing / Interviewing / Surveys

Design Tools

Photoshop / Illustrator / Lightroom / OmniGraffle / Visio / Axure / Sketch / Keynote

Programming

HTML & CSS / JavaScript / jQuery / C/C++

EDUCATION

Master of Engineering

System Design Engineering, University of Waterloo, Waterloo, ON, December 2015

- Relevant Courses: Human Computer Interaction, Cognitive Ergonomics, User Centered Design Methods (TA), Engineering Design (TA)

Bachelor of Engineering

Mechanical Engineering & Advertising, Wuhan University, Wuhan, China, June 2014

- Relevant Courses: iPhone Application Development, Digital Image Processing and Special Effects, Photographic Technology and Appreciation, Industrial Product Modelling Design

