

Zhenzhi Zhu

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Education

The University of Texas at Austin

Austin, TX

Master of Science, Information studies

Aug 2015-present

Specialization: User Experience, Interaction Design, Front End Development

Joint Program

Beijing University of Posts and Telecommunications

Beijing, PRC

Queen Mary, University of London

London, UK

Bachelor of Engineering, Telecommunications Engineering with Management Sept 2011-July 2015

Specialization: Multimedia Technology and Telecommunications

Experiences

Information Architecture/ Web Design

Fall 2015

Used Axure to make the high fidelity prototype

Processed efficient usability testing

Created wireframes and personas based on research

Used card sorting to get proper navigation and labels

Interviewed users to get the requirements

Application Development

Spring 2015

Used color histogram, cumulative histogram, color moment to extract color features

Used the invariant moment to extract shape features

Allocated different weight to color and shape to fuse visual features

Compiled program by Visual C++ and designed an easy and clear interface for user retrieval

Assessed performance by Corel image datasets

Database Development

Spring 2014

Analyzed software requirements by surveying local people

Studied business strategy including external analysis, stakeholder analysis and competitor analysis

Analyzed and designed special user case, architecture and subsystem

Compiled and realized system functions such as book information query and loan registration

Stored library information with MySQL

Tested whole system using implement test, integration test and system test

Animation Design

Fall 2014

Compiled program by C language to realize its function such as run and dance

Used OpenGL to realize graphic design

Skills

UX: Axure, Balsamiq, Sketch, Personas, Card sorting, Usability testing

Multimedia: Photoshop, Illustrator, Flash, Indesign

Web design: Dreamweaver, WordPress, HTML, CSS, MySQL

Software development: Eclipse, C, C++, JAVA, Python, SQL

