Tian Zheng

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Education

Carnegie Mellon University, Pittsburgh, PA   August 2015
Master of Science, Information Technology – eBusiness Technology
Truman State University, Kirksville, MO   2010 - 2014
Bachelor of Science, Computer Science

Skills

Technology: Swift, Java, C, Web Development, Networks, Operating System, Microcontroller
Business: Creative Thinking, Public Speaking, Teamwork, Analytics, Passion for Technology
Cultural: Trilingual in English, German, and Mandarin; Intercultural Communication

Projects

Customer Order and Warehouse System Design   December 2014
- Developed vertical solutions for healthcare industry client
- Applied quality attribute analysis based on requirement elicitation
- Designed prototype system for ordering and warehouse management

UPMC Online Pharmacy UI Prototype   October 2014
- Created an initial prototype based on contextual design inquires
- Conducted heuristic analysis with potential online pharmacy users
- Applied a user-friendly user interface using HTML, CSS, and JavaScript

Air Tartan - a Motion Control Adventure Game   September 2014
- Led the team as product manager using Agile Methodology and Git
- Won "Audience Choice" Award at CMU iOS Hackathon hold by Apple
- Developed the entire project using SpriteKit and Swift over one weekend
- Combined touching with CoreMotion detection for better user experience

Truman LDS Student Association Website   December 2013
- Upgraded static website to Web 2.0 version using PHP and MySQL
- Revised the front-end using HTML5 + CSS3 and Ajax for data presentation
- Integrated prevention of HTML and SQL injection into high security design

Experience

Mac Lab Technician - Truman State University   2012 - 2014
- Identified requests regarding hardware or software usage and network account
- Classified help desk calls and coordinated problem resolution between departments
- Trained over 100 users for Macintosh and multimedia software (iLife, Adobe Suites)

Youth Robotics Project Coach - Clockworks Robotics Group   2012 - 2013
- Coached Missouri 2nd place FLL competition team
- Counseled programming implementation for 3 robots
- Reviewed mechanical and electronic architecture of 2 projects

Business Analyst Intern - Express Scripts Inc.   Summer 2013
- Analyzed resource requirements for internal application development
- Participated design and development for Customer Service & Engagement system
- Established capability roadmaps and blueprints with Business Alignment Team members

Certificates

Usable Security - Coursera Verified Certificates
  University of Maryland via Coursera Signature Track   October 2014

Programmer, Qualification Certificate of Computer and Software Technology Proficiency
  Ministry of Industry and IT, Ministry of HR and Social Security, P. R. China   May 2012