

# Tian Zheng

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## Education

Carnegie Mellon University, Pittsburgh, PA

August 2015

**Master of Science, Information Technology – eBusiness Technology**

GPA: 3.8/4.0

Truman State University, Kirksville, MO

2010 - 2014

**Bachelor of Science, Computer Science**

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## Skills

**Technology:** Swift, Java, C, Web Development, Cloud, Network, Operating System, Microcontroller

**Business:** Creative Thinking, Public Speaking, Teamwork, Analytics, Passion for Technology

**Cultural:** Trilingual in English, German, and Mandarin; Intercultural Communication

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## 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 inquiries
- 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
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## 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 2<sup>nd</sup> 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
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## 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