Haishan Ye

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EDUCATION

University of Southern California, Los Angeles, CA   August 2013 - May 2015
M.S. in Computer Science, GPA 3.78
Related Coursework: Information Retrieval and Web Search Engines, Information Integration on the Web, Web Technologies, Database Systems, Applied Natural Language Processing

Tongji University, Shanghai, China   September 2009 - June 2013
B.E. in Software Engineering, GPA 3.63

TECHNICAL SKILLS

Programming Languages: Objective-C, Swift, Java, Python, C/C++, Javascript, PHP, SQL
Frameworks: Cocoa Touch, UIKit, Core Data, Core Animation, Grand Central Dispatch, SpriteKit, AJAX, jQuery
Development Tools: Xcode, Sublime Text, Eclipse, Coda, Visual Studio, Git, Perforce, MySQL

EXPERIENCE

iOS Software Engineer Intern, TiVo Inc., San Jose, CA   June 2014 - August 2014
  • Designed and implemented a Today View extension prototype using iOS 8 new APIs
  • Proposed new features based on iOS 8 investigation, which will be applied in upcoming version
  • Improved third-party library management workflow by integrating CocoaPods into current project

Core Developer, VCard, Tongji University, Shanghai, China   September 2011 - August 2012
VCard is a 2-million-user Sina Weibo reader on iPad
  • Devised the architecture and implemented the main functions for the application
  • Enriched user experience by customizing UI controls and creating unique animations and gestures
  • Optimized app performance in both memory usage and animation efficiency
  • Refactored the code for three major updates in both framework and UI design

Project Lead, Flick Chess, USC, Los Angeles, CA   September 2014 - January 2015
Flick Chess is an iOS game project, selected in USC GamePipe Laboratory Game & Tech Showcase
  • Planned the project lifecycle based on Scrum and coordinated related resource using Github
  • Designed and implemented the logic layer architecture using Swift and Sprite Kit
  • Identified and addressed problems in both game design and team collaboration

iOS Software Engineer Intern, GlanceAt team, Idealab, Pasadena, CA   September 2014 - January 2015
  • Built a custom Email card view and reduced memory usage by applying view reuse mechanism
  • Constructed fully featured calendar view component for GlanceAt mail client
  • Defined and developed customized filters to process Emails in certain contexts

Core Developer, Stock Search Project, USC, Los Angeles, CA   March 2014 - May 2014
  • Developed and deployed a PHP data fetching application on Amazon EC2
  • Implemented data handling process using Java Servlets
  • Built the website's front end using jQuery and integrated Facebook sharing functionality

Core Developer, CDI Lab System, Tongji University, Shanghai, China   January 2013 - November 2013
CDI Lab system is a client-server suite for Center of Digital Innovation, Tongji University
  • Developed and deployed iPad app for controlling A/C and lighting in the lab environment
  • Constructed the backend server and built RESTful web APIs for mobile apps
  • Created several reusable customized UI components for iOS project

ACADEMIC HONORS

WWDC 2012 Student Scholarship, Apple Inc.   June 2012
National Scholarship in China   October 2011