

Haishan Ye

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EDUCATION

University of Southern California, Los Angeles, CA
M.S. in Computer Science, GPA 3.75

August 2013 - May 2015

Related Coursework: Information Integration on the Web, Web Technologies, Database Systems, Applied Natural Language Processing, Advanced Mobile Devices and Game Consoles

Tongji University, Shanghai, China
B.E. in Software Engineering, GPA 3.63

September 2009 - June 2013

TECHNICAL SKILLS

Programming Languages: Objective-C, Swift, JAVA, Python, C#, C/C++, Javascript, PHP, SQL

Frameworks: Cocoa Touch, Core Data, Core Animation, Sprite Kit, J2EE, Oracle Databases, AJAX, jQuery

Development Tools: Xcode, Sublime Text, Atom, Eclipse, Coda, Visual Studio, Git, Perforce

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, Wild Piece, USC, Los Angeles, CA

September 2014 - Current

Wild Piece is a strategy game project running on iOS

- 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 - Current

- 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 'CDI Official App' for iPhone independently (Available on App Store)
- 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.
National Scholarship in China

June 2012
October 2011