

XIAO HUANG

www.xiaohuang.me

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Professional Summary

- Computer Engineering M.S. graduate with a strong foundation in software engineering and programming principles across multiple platforms.
- Experienced in object-oriented programming, mobile development and administering systems and networks.
- Graphic design specialist with practical knowledge of design techniques, tools, principles, and broad skill range including mobile design, web design and product management.
- Looking for an entry-level position in software engineering.

Education

Arizona State University

M.S. Computer Engineering

GPA: 3.66/4.0

Tempe, Arizona

Dec. 2015

Beijing Institute of Technology (Ranks Top 10 Engineering Schools in China)

B.S. Telecommunication Engineering

GPA: 80/100

Beijing, China

Jun. 2012

Work Experience

Westone Information Industry INC.

Software Engineer Intern

- Developed new components and functionalities to existing systems using JAVA.
- Worked with users to establish requirements and determine priorities.

Chengdu, China

Jun. 2012 - Dec. 2012

Beijing Huanyee Creative Technology CO., Ltd.

Software Engineer Intern

- Developed web application GUI using ASP.Net, C#, HTML, CSS, JavaScript.

Beijing, China

Jun. 2011 - Sep. 2011

Project and Research

iOS Applications

- Designed and developed iOS apps including:
 - DNApp, an iPhone client app for Designer News; HNApp, an iPhone client app for Hacker News, WoofMeow, an iOS universal educational app for young kids to learn animal sounds;
- Designed and implemented the user interface using Xcode and Sketch.
- Developed the application using Swift(from Objective-C).

Mar. 2015 - Present

Blog Web Application Developed in Python

- A blog website with full functionalities including writing blogs, user login, comment and backend management.
- Developed the core web framework based on asyncio using aiohttp.
- Designed the database using MySQL and developed the ORM using aiomysql.
- Implemented the front end web pages based on MVVM using jinja2, uikit and vue.
- Implemented all the REST APIs returning JSON data and all the functionalities of the web app.
- Deployed the web app using Nginx, gunicorn, Supervisor and implemented the auto deployment using Fabric.

Mar. 2015 - Jul. 2015

StudentGig Project in Technology Entrepreneur Course

- StudentGig is a platform for college students to sell/buy used products or provide/request services.
- StudentGig won the first prize among 12 groups and a \$1,000 funding award.
- Led in a team of 3 to develop the project plan including both business model and technical framework.
- Designed and implemented an iOS prototype of the project using Swift, Xcode and Parse.
- Worked with teammates to design the MySQL database and develop the web prototype using Django.

Mar. 2015 - Jul. 2015

Face Recognition Algorithm Comparison in Machine Learning Course

- Worked in a team of 5 to implement several face recognition algorithms using Matlab and Python with techniques including PCA, Boosting, SVM, k-means, ANN and convolutional NN.
- Designed and developed a GUI Matlab application to test and compare the algorithms.

Mar. 2015 - May. 2015

Online Toolbox Application in Distributed Software Development Course

- Online Toolbox is a service-oriented web app including ten utility services.
- Designed and implemented the presentation and local component layer using ASP .Net and AJAX.
- Designed and implemented half of the remote services, including WCF and RESTful services.
- Designed and implemented the data management layer using ADO .Net and XML.

Sep. 2014 - Dec. 2014

Technical Tools

Languages: Python; Swift; Objective-C; C#; Java;
HTML; CSS; JavaScript; JSON; C; SQL

Software: Xcode; PyCharm; Visual Studio; Git

Cloud Services: Parse; Amazon AWS, Digital Ocean

Database: MySQL; CoreData; SQL Server
Technologies: REST; TCP/IP; HTTP; SOAP

Platforms: Mac OS X; UNIX/Linux

UI/UX Design: Sketch; Photoshop; Framer.js