YINCHU XIA

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EXPERIENCE

MASTER STUDENT OF COMPUTER SCIENCE, CALIFORNIA STATE UNIVERSITY, LOS ANGELES SEPTEMBER, 2013 - NOW, GRADUATING THIS WINTER.

I work for the university student union as a part-time web designer. This is my first job in the USA. I got my social security number for this and I also get a lot of training there. Now I am very confident about my English communication skill. Apart from a few colloquial expression I can speak and listen as if I am a native speaker. Here is the web site I have been working on.
http://www.calstatelausu.org

In this master program, I learnt many subjects include Unity3d, OpenCV, Java Spring Mvc. One of the course is ACM ICPC programming competition. My team get a good position #28 out of the 100 teams on southern California. If our computer was not too slow to submit the last solution we would rank #11 next to UCLA Gold team. Here is a link to this event.
http://www.socalcontest.org/history/2013/details-2013.shtml

There are also team projects, which we group together to write some software. Some projects are web based and I listed below.

Simple AI Tic Tac Toe game, support multiple players backed by java Spring Mvc (Using spring of the requirement of the course. If not, I would rather make it with socket.io)
http://www.warycat.com/TicTacToe

Classic casino game lucky 777, feature stunning graphics and animation, and sounds. It is a web game running in mobile safari, but when I showed it to some people on an event of Los angeles HTML5 meet up group. They all thinks it is a native game.
http://www.warycat.com/lucky7

Super Sea Lion, something like Super Mario, features skeleton animation, home brew physics and a simple map editor. we have four team members. I am the only one who know how to write javascript, so I write all the code, and they make the background images, all the animations of different creatures. It is my first experience to manage project of a group of Americans. Before that they are all Chinese. It is our best demo in class.
http://www.warycat.com/SuperSeaLion

In my spare time I research on many open source project, like three.js, ember.js, pixi.js. I am writing a game engine based on them as my master thesis instructed by my Professor Dr. Kang.
http://www.warycat.com/candle.js

A dating app for Chinese college student. Many young girls post their selfies and contact information on it. This is a link to some of the selfies.
http://www.warycat.com/wbwx/

All of these above are personal projects. The purpose of them is to taste new technologies. Commercial projects are listed below with url links. Some apps that are no longer available on iTunes store are labeled discontinued, but I have original source code in my computer in case you want see it.

PROJECT MANAGER,
C3O ASIA, LLC
JUNE, 2012 - SEPTEMBER, 2013

C3O is private French media company in central Shanghai. We developed location based iPhone application for SUBWAY chain store China and Norauto chain store France. Customers use the app to locate local store, get information about services and receive promotion notifications sent by our central server. The app also take orders from customers and process them.
https://itunes.apple.com/fr/app/norauto/id604037705?mt=8

We also make branding app or campaign for Avene, Jaguar and Essilor. All these apps are beautifully designed and connected to social media. Users like them and share their lifestyles.
https://itunes.apple.com/us/app/essilor-usa/id408699036?mt=8

PROJECT MANAGER,
SHANGHAI YOUR DREAM INFORMATION TECHNOLOGY, LLC
JUNE, 2012 - JUNE, 2013

iChuanYi.com is a venture backed fashion start up. We developed a well known a iPhone App call "穿衣助手" (Dressing Assistant) in China. It was for girls to manage their clothing and to get suggestions from the other girls. My duties were to manage the entire technical part of the project. It includes designing filters to polish skin, to optimize skin colors and to eliminate spots on skin. We adopted that idea from instagram. I also tutored fellow programmer on Cocoa Touch UI, connecting with various social network and merchants in china.
https://itunes.apple.com/app/chuan-yi-zhu-shou-shi-shang/id577700263?ls=1&mt=8

PROJECT MANAGER,
SHANGHAI RED FOUNTAIN E-COMMERCE, LLC
SEPEMBER, 2011 - JUNE, 2012

Red Fountain is a wine seller in shanghai. I was there developing iPhone and iPad Magazine Apps and Coupon Apps for it and the parent company of it. The project includes interfacing with magazine editors, wine sellers, restaurant owners and advertisers. My duty is to develop a satisfying user interface, to create a secured mobile payment framework and to support a good customer relationship management. The coupon app is "食全酒美", it is for people who buy and sell wines on line. The business model is a typical Online to Offline model (OTO). It collect user behavior and sell it to advertisers.
https://itunes.apple.com/cn/app/id588618752?mt=8 (discontinued)
One of the magazine apps is "创诣", It is an interactive magazine, it supports background downloading and multiply orientation.
https://itunes.apple.com/cn/app/chuang-yi/id599931619?mt=8 (discontinued)
Some other Magazine Apps are "橄榄美酒评鉴", "悦旅", "东方商旅", "国际珠宝", "橄榄餐厅评论". They are designed with new html5 technology. All pages are responsive. Contents are layout dynamically to fit all kinds of devices like iPhone, iPad or iMac. They are not on store yet. But here is a link for demonstration.
http://www.m9m10.net (discontinued)

INDIVIDUAL DEVELOPER,
JULY, 2011 - SEPEMBER, 2011

Implemented a tile-based puzzle game on iPhone based on OpenGL Technology.
The title is "Retina Puzzle".
https://itunes.apple.com/us/app/retina-puzzle/id418744756?mt=8 (discontinued)
Implemented a p2p bluetooth and with photo transfer game. It support game center.
The title is "iVirusU"
https://itunes.apple.com/us/app/ivirusu/id505154181?mt=8 (discontinued)
Implemented a User Generate Content App for all college students in China. Students can upload photos and profile to make friends. They can post micro blogs and send send short messages in real time. They can also download english books and mp3 for their test.
The title is "大学微博微信"
https://itunes.apple.com/us/app/da-xue-wei-bo-wei-xin/id570966012?mt=8 (discontinued)
Implemented a College ranking app for all colleges in China. User can search by ranking or location.
The title is "大学排名"
https://itunes.apple.com/us/app/da-xue-wei-bo-wei-xin/id570966012?mt=8 (discontinued)

ALGORITHM TEACHER,
NO.2 HIGH SCHOOL ATTACHED TO EAST CHINA NORMAL UNIVERSITY (ECNU), SHANGHAI,
AUG, 2008 - JULY, 2011

Developed and implemented daily and unit lesson plans for high school students, administered tests and evaluations, and analyzed student performance.

Lead a "Algorithm Olympics Team", tutored students to attend algorithm contest like National Olympics of Information (NOI). They got 3 gold medals, 6 silver medals and 104 bronze medals. All of them were honored to enter the best universities in China without taking entrance examination.

NETWORK ASSISTANT,
WEB DEVELOPER OF INTERNATIONAL RELATIONSHIP DEPARTMENT OF SHANGHAI JIAO TONG UNIVERSITY (SJTU),
AUG, 2006 - JULY, 2008

Administrator of all students' network in the dorm building. Duties included trouble shooting and fixing.

Part time web designer to develop a media website for International relationship department based on Wordpress Technology. Administrated Debian Linux Server of university forums, automated daily backup routine.

EDUCATION

California State University, Los Angeles (CSULA) — Master of Science
Major: Computer Science and Technology
GPA: 3.6
2013 to 2014

Shanghai Jiao Tong University (SJTU) Rank #3 in China — Bachelor of Engineering
Major: Computer Science and Technology
GPA: 3.7
2004 to 2008

TECHNICAL SKILLS

* Languages: JavaScript, Obj-C, Ruby, SQL, PHP, HTML5, CSS3, C, C++, Java

* JS Frameworks: Pixi.js, three.js, ember.js, angular.js, underscore.js, express.js, socket.io, jquery.js

* iOS Frameworks: Cocos2d, CocoaPod, UIKit, CoreImage, AFNetworking, BlockKit, GPUImage, OpenCV

* Applications and Tools: Xcode, Sublime, Unity3d, Github, Spine, TexturePacker, Eclipse, Visual Studio, Vim, Svn, ImageMagicK.

* Amazon Cloud Service: EC2, S3, SES, EB, ELB, DynamoDB(NoSQL)

* Application Server: Node.js + express.js + socket.io, Apache + php, Tomcat + java,

* Operating System: Windows, Unix, Mac, iOS, Linux (Debian, Ubuntu, Fedora, Amazon).

* Database System and ORM Tools: DynamoDB, MongoDB, SQL Server, MySQL, SQLite, Core Data, Hibernate

* Other skills: Web scraping, QR code generating, Custom filters design, Batch image processing, Cocos2d, Wordpress, Algorithm design, Image filter design.

LANGUAGE
Fluent in English
Fluent in Mandarin