

XIAOHAN CHEN (KAY)

SOFTWARE ENGINEER

Graduated
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bluwolf



xiaohankay

SKILLS

Programming

Java
C/C++
HTML/CSS
Javascript
jQuery
Objective-C
Swift
SQL
Bootstrap
Materialize
Verilog

Software/ Frameworks

Ruby on Rails
Xcode
Git/Github
Eclipse
Visual Studio
Parse
Postgres
AWS

Methods/Methodologies

Git version control
UI/UX responsive design
Model-View-Controller (MVC)

Platform

Web
iOS
MacOS
Windows 10

EDUCATION

University of Southern California (USC)
B.S. Computer Science and Computer Engineering

EXPERIENCE

Wheecar | Los Angeles, CA
Software Engineer Intern

Frontend and backend Junior Web Developer using the Ruby on Rails framework with Heroku. Designed and implemented the company website's landing page and FAQ page in Bootstrap, CSS, and jQuery. Performed daily maintenance the website by periodically adding/editing frontend content. Collaborated in the testing and implementation of backend Postgres database.

Social Project LLC | Los Angeles, CA
Software Engineer Intern

Frontend Junior iOS Developer building with Objective-C and Parse. Implemented the profile creation view succeeding the user registration page. Created the Drinking Age Disclaimer window and synchronized users' responses to Parse database.

PROJECTS

Attractus Website | Individual

Designed and developed the Ruby on Rails web application that featured a front-end in Material Design and a technology stack including Postgres, AWS, and Google Maps API.

Close To Me Website | Individual

Designed and developed the Ruby on Rails web application that featured a front-end in Material Design and a technology stack including Snazzy Maps, jQuery, and Google Places API.

Loop iOS App | Group of Four

Designed and implemented functions in the settings page for optimized database read/write times and engineered push notification code to connect iOS developer account to Parse.

Hanafuda Game | Group of Four

Developed the front-end code with Java Swing GUI and synchronized it with back-end client code.

Qt Search Engine | Group of Four

Programmed Qt GUI and string search algorithm in C++ that parsed through files to find the most relevant document.

Road Simulator | Individual

Implemented different AI algorithms for each car and utilized multithreading to individualize them.