KAILAI CHEN

Tel: (213)2459428   Email: kailaich@usc.edu

Address: 1247 W 30TH ST APT #216 , Los Angeles, CA 90007

EDUCATION

University of Southern California   Los Angeles, CA, US

MS in Computer Science Specialized in Software Engineering   *Aug 2017 - Present*

- Relevant Coursework: Design and Analysis of Algorithms, Artificial Intelligence, Web Technology

University of Liverpool   Liverpool, UK

BS in Computer Science (GPA:3.64)   *Sept 2015 - June 2017*

- Relevant Coursework: Computer Architecture, Data Structure, Discrete Mathematics & Probability, Linear Algebra, Internet principles, Distributed Systems, Scripting Languages, Introduction to Computer Network

PROFESSIONAL EXPERIENCES

Sunshine - Course rating website   Liverpool, UK

Web Developer (HTML, CSS, JavaScript, PHP, Bootstrap)   *Feb. 2016 - June. 2016*

- Developed a website that allowed students rate relevant courses, give anonymous feedbacks and share learning experience.
- Designed the system architecture and API format. Utilized PHP and SQL to connect webs to database and JavaScript to fulfill the functionalities.
- The website was widely recognized and popular among students. More than 1000 of students registered and used it during the selection period at University.

Niujian Technology Limited   Hangzhou, P. R. China

Intern, Software Engineer (Java, SQL)   *June 2016 - Aug 2016*

- Worked with a team to develop an iOS application for Chinese students in UK, which provides living guide and instant messaging.
- Programmed java to develop a newsfeed system with proper ranking algorithms according to company's desire and targeted customers.
- Designed data schema that balances database space and SQL queried efficiency according to company's desire.

SELECTED PROJECTS

USCD Unfolding Maps Project (Java)   June 2017 - Aug 2017

- Utilized java to design a real world earthquake data visualization using Unfolding Maps library and Processing GUI.
- Designed and implemented an algorithm to filter out airport within the threat of earthquake.

Final Year Project: Creating your stories (Bootstrap, JavaScript, PHP, Bootstrap, express-cli)   Spring in 2016

- Designed a puzzle game on web with express-cli.
- Utilized Bootstrap + CSS to layout the page.
- Designed an admin interface for administrator for updating rules, time, and words in the game.

SKILLS

Programming Language: Java, Scala, JavaScript, C/C++, SQL, R, HTML, CSS

Technical Skills: Play framework, Node.js, React JS, Bootstrap