

Xiaosong Lu

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EDUCATION

CALIFORNIA STATE UNIVERSITY FULLERTON | MASTER IN ACCELERATE MASTER OF SOFTWARE ENGINEERING Fullerton CA U.S | Jan 2018 - May 2019
GPA: 3.5

ESSLINGEN UNIVERSITY OF APPLIED SCIENCES | MASTER IN MECHANICAL ENGINEERING Stuttgart Germany | Sep 2014 - May 2016

UNIVERSITY OF SHANGHAI FOR SCIENCE AND TECHNOLOGY | BACHELOR IN MECHANICAL ENGINEERING Shanghai China | Sep 2008 - June 2012

EXPERIENCE

HIVEEL TECHNOLOGIES, INC. | INTERN SOFTWARE ENGINEER Los Angeles CA U.S | January 2019 – April 2019

- Improved website performance (Responsive for mobile devices) using Element UI/Bootstrap.
- Developed the website page using CSS/Html JavaScript, Vue, Vuex for new product.
- Cooperated with backend team, connect APIs and Testing using Vue-CLI, Postman.

THE GERMAN AEROSPACE CENTER (DLR) | RESEARCH ASSISTANT Stuttgart Germany | Nov 2016 – May 2017

- Determined DLR's definition of functional and system components' standard for each level Autonomous Driving Vehicles

MY PROJECTS

NEARBY EVENT SEARCH AND RECOMMENDATION WEB APP | AWS, RESTFUL APIs, MYSQL, MONGODB, JAVA, JAVASCRIPT, CSS/HTML (project deployed on AWS, please find projects links at Personal web)

Created a website using HTML,CSS and JavaScript, with AJAX technology. Utilized Java servlets with Restful APIs to handle HTTP requests and responses. Built databases(MySQL,MongoDB) to save data obtained from ticketMaster API. Implemented content-based recommendation algorithm to recommend events. Deployed server to Amazon AWS EC2 to handle user requests on demand

NBA PLAYER STRENGTH VISUALIZATION | REACT, DATA VISUALIZATION (project deployed on AWS, please find projects links at Personal web)

Built a dashboard including a shot chart and bar charts to visualize shot data. Lifted shared React States up to link highlighting among all charts. Designed a field goal filter for a detailed visualization of areas with made shots. Created match filters to provide specific visual stats for home, away, won and lost.

WEB SERVICE BASED SOCIAL PLATFORM BY GO | Go, REACT, GOOGLE WEB SERVICE, ELASTICSEARCH, BIGTABLE TENSORFLOW MACHINE LEARNING (GOOGLE APIS)

Created a geo-location based website with React JS. Utilized Ant Design, GeoLocation and Google Map APIs to integrate features. Built a Go Web Service for image post and deployed it to Google Cloud. Implemented ElasticSearch to allow users to search nearby posts. Created Dataflow to dump user data from BigTable to BigQuery.

SKILLS

PROGRAMMING LANGUAGES	. Java JavaScript CSS/HTML Python
FONT END SKILLS	. Vue.js Vux React Redux
BACK END SKILLS	.mysql noSQL Spring Spring boot
OTHERS SKILLS	.AWS (ec2) Docker Git REST Solidworks Catia