Xiaosong Lu

Telephone	**9497714564**	Programming	**Java, JavaScript, CSS/HTML**
Mailbox	**Xiaosong.lu@outlook.com**	Font End Skills	**Vue.js, React.Js, AJAX**
Address:	**471 Irvine, California**	Back End Skills	**MySQL, NoSQL, SpringBoot, RESTful API**
Web Page	**https://www.xiaosong-lu.com**	Other Skills	**AWS, Docker, Git, Agile (Scrum)**

EXPERIENCE

Los Angeles CA U.S | January 2019 – April 2019

HIVEEL TECHNOLOGIES, INC. | **SOFTWARE ENGINEER INTERN**

- Under Agile development methodology *(Scrum),* developed the webpages with *CSS/Html JavaScript*, and *Vue.js + Bootstrap* framework.
- Utilized url, CRUD functions, and JSON, *Ajax* to interact with backend service.
- Improved original website performance (Responsive for mobile and most devices) using Element UI/BootStrap.
- Cooperated with backend team, refine web pages, *RESTful APIs* and tested using Chrome, Jasmine and *Postman*.
- Version-control with *Git*.

Stuttgart Germany | Nov 2016 – May 2017

THE GERMAN AEROSPACE CENTER (DLR) | **RESEARCH ASSISTANT**

- Determined DLR's definition of functional and system components' standard for each level Autonomous Driving Vehicles.
- Tested emission of diesel vehicles under New European Driving Cycle (NEDC), record data and analysis.

EDUCATION

Fullerton CA U.S | Jan 2018 - May 2019   GPA: 3.5

CALIFORNIA STATE UNIVERSITY FULLERTON | **MASTER IN SOFTWARE ENGINEERING**

ESSLINGEN UNIVERSITY OF APPLIED SCIENCES | **MASTER IN MECHANICAL ENGINEERING**

UNIVERSITY OF SHANGHAI FOR SCIENCE AND TECHNOLOGY | **BACHELOR IN MECHANICAL ENGINEERING**

PROJECTS

NEARBY EVENT SEARCH AND RECOMMENDATION WEB APP | *AWS MySQL MongoDB REST API Java Servlet*

- Designed and developed a website to show nearby events based on Ticketmaster API.
- Applied events recommendation algorithm, which based on user's favorite events.
- Created a website using *HTML/CSS* and *JavaScript*, with *AJAX* technology to interact with service.
- Utilized *Java servlets* with *Restful APIs* to handle HTTP requests and responses.
- Implemented content-based recommendation algorithm to recommend nearby events.
- Built database(*MySQL*) to save data obtained from TicketMaster API.
- Deployed server to Amazon *AWS EC2* to handle user requests on demand.

NBA PLAYER STRENGTH VISUALIZATION | *React.js, Redux, SASS, Webpack*

- 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.

Please find more links, projects and details at: www.xiaosong-lu.com   *and*   https://www.linkedin.com/in/xiaosong-lu/