

JIANNAN HUANG

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EDUCATION

University of Southern California
Master in Computer Science

August 2019 - Present

University of Birmingham
Bachelor of Mechanical Engineering.

September 2017 - June 2019
GPA: 4.25/4.25 Rank: 9/193

Huazhong University of Science Technology
Bachelor of Mechanical Engineering.

September 2015 - June 2019
GPA: 3.86/4.0

SKILLS

Programming Language	JAVA, JavaScript, C++, C
Techniques	HTML, CSS, React.js, Node.js, AJAX, Linux
Database	MongoDB

PROJECTS

Single page recruitment web application, SPA

FALL 2019

- Developed a recruitment single page application including user registration/ login, employee/ employer list, and a live chat module
- Built front-end page using HTML, CSS, Ract.js, ES6, Webpack, and Antd.js
- Implemented back end communication by Node.JS, Express, MongoDB

WORK EXPERIENCE

Huaren House Inc
Intern, El Monte, CA

12/2019-present

- Worked in a Front-end Team. Developed and maintained a QA website project.
- Built front-end page using HTML, CSS, Ract.js, ES6, Webpack
- Implemented back end communication by React, Redux, React-Router

RESEARCH PROJECT

A Kinect-Based 3D Vision System for Robotic Disassembly
Undergraduate Research, Advisor: Prof. Duc Pham Dr. Yongjin Wang

03/2018- 06/2019

- Built a vision system which could recognize the work part and locate the position of the project
- Create a point cloud template with the depth camera and save it on the origin coordinates of the robot
- The parts on the workbench are matched with the target point cloud and the template point cloud using the iterative nearest method to obtain the pose of the target point cloud.
- The robot will finally disassemble the part according to the posture coordinate