Che Wei Wang

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Education

University of Michigan, Ann Arbor, MI, USA. Expected graduation in Apr 2020

Bachelor of Science in Engineering in Computer Science

- Courses: Data Structures and Algorithms(EECS 281), Web System(EECS 485)

Relevant Experience

Ally Financial Inc. – Internal Network Web Application

Student Software Engineer – Multidisciplinary Design Program   Jan 2019 – Present

- Collaborate with students from a variety of disciplines, University of Michigan faculty sponsors, and Ally Financial sponsors to deliver a full-stack web application for internal network of Ally's financial call center in December 2019
- Completed investigating, reviewing end-user requirements, and designing of the architecture of the web application
- Currently designing and constructing login page and homepage of the web application with Python flask and React.js
- In charge of the frontend construction of the web application, including collaborating with UI/UX designer and integrating with backend team

Insta485 – EECS 485 Course Project

Student developer   Feb 2019

- Develop a simple version of Instagram using Python flask, React

Project Experience

2017 UM-SJTU Joint Institute Summer Design Expo – Temperature-control Water Bottle

Student Engineer   Jun – Aug 2017

- Designed and constructed a temperature-control water bottle with Arduino NANO board, C++ and semi-conductor cold plate

The 9th SJTU Mechanical Innovation Competition for Freshman – Robot Lifter

Student Engineer   Mar – Apr 2017

- Constructed a remote control system for the robot lifter using an Arduino UNO board and C++

2016 Penta Hackathon – Web Application for Sign Language Learning

Student Developer   Oct 2016

- Used C++ to process the data gathered by Leap Motion controller to implement the hand gesture recognition

Skillset

Computer:

- Programming Languages: C++, C, MATLAB, HTML, CSS, JavaScript, Python, Bash script
- Tool: React, Python flask, Python Jinja, Git, SQLite