Name: Zhiren Zhan

Git: https://github.com/colorzzr

Personal web server: 18.222.148.18

Experience

* Voluntary translator in FuZhou West Lake International School (2016.7.7 – 2016.7.28)
  + Translate language for the foreign teachers
  + Take care children including teaching security for 21 days
* Membership in URTA RoboSoccer in University of Toronto (2016.9 – 2017.9)
  + Work in control team under the 3D Robot Simulation group
* Membership in Engineer Strategy and Practice group (2017.1 – 2017.4)
  + Work in 5 people group for 1 semester
  + Design the bike racks for Hoard Village Resident Association
* ASDAN Business Simulation in FuZhou (2013.12.12 – 12.13)
  + Post-processing in the team including ppt making, Ps and video processing
  + Win the gold reward in competition
* ASDAN Business Simulation in ShangHai (2014.7)
  + Leadership in the team
* Info-session for first year UofT student in Vancouver (2017.5.11)
  + Engage in answer the question for first year engineering students
* IEEE Power Case Competition (2017.3.17)
  + Engage in 4 students group to compute optimizing power plan
* 2017 Hackathon in ShangHai (2017.7.8 – 7.9)
  + Leadership in 4 people group for creative competition
  + Main designer for smart chair for old people using Arduino.
  + Participate in AI design by C and corrospond libraries.
* 2017 Microsoft Code Competition (2017.9.21)
* MAT186 Calculus I review teacher (2017.11.18)
  + Responsible for making teaching package
  + 4-hour course for review crucial points and past paper
* Game Project “Zero Hero4” (2017.11.8 – 11.29)
  + A Rogue-like RPG game using Verilog on DE1-Soc Board
  + Mainly responsible for coding and logic
  + Develop a random number algorithm by add a clock
* ECE243 Final Project “Robot Soccer” (2018.3 – 2018. 4)
  + Lego Block robot with DE1-Soc Board.
  + FPGA with Assembly Program to control the robot and showing the score with VGA monitor.
* ECE297 Project “Smart Guide” (2018.1 – 2018.4)
  + A tourist map construct by C++
  + Team leader, being responsible for back-end data structure and algorithms
* Internship in Tsinghua Energy Internet Research Institution (2018.5 – 2018.8)
  + Building web management system for Xiamen Huatech
  + Construct web server and PostgreSQL database for system
  + Based on “Front End Separation”, Using “React+Dva+Antd” for web construction. Applying Golang for backend files analysis.

Academic Career

* University of Toronto (2016.9 - now)
  + Sophomore student in computer engineer
  + First year GPA: 3.74
* Orientation to the engineer (2016.9 – 2016.12)
  + High pass in the course

Skills

* Backend Language: C language , C++ language, NIOSII Assembly language, Golang
* Frontend: React, JavaScript, Html 5
* Framework: Ant Design, Dva, Parse API
* Teamwork and leadership skills
* Interested in guitar and soccer