ZHANG Jiayu

PERSONAL PARTICULARS

Email:zhangjiayu71@hotmail.com   Nationality: Hong Kong SAR
Personal portfolio: https://susancat.github.io/
Github: https://github.com/susancat?tab=repositories

SUMMARY:

- Full-stack web development skills with solid project experience. Built a complicated web app from scratch with understanding on the whole ecosystem including frontend, backend and database aspects.

WORKING EXPERIENCE

08/2020 – Present   Dalton Learning Lab (**Hong Kong**)   Frontend Web Developer

- Dalton Learning Lab is a subsidy under Animoca Brands (a unicorn company);
- Full-stack web app dev based on Node/Express/MongoDB/EJS; develop the product from scratch, design database structure, implemented 90% key features (about 200 features totally);
- Roblox Games dev: revise and polish existing simple solo-mode games to advanced multi-player games and enable web API data exchanging with web app;
- REST APIs and API documentation;
- JS libraries integration: D3.js/TensorFlow.js/intro.js/passport.js/jsPDF.js and etc.
- Deployment: Heroku

12/2016 – 08/2018   Prof. Liang Xuecun (Renmin University, **Remote**)   Research Assistant

High quality literature review, analysis and reports for projects about "EU Integration and Cultural Diversity".

10/2015 – 09/2016   SOAS, University of London (**London**)   Post-Doc Research Associate

Co-author for one **top** SSCI journal article and one book chapter published by Sage under an ERC project; Supervisor for degree theses of two MA students;

07/2014 – 06/2015   Elite Financial Solutions Limited (**Hong Kong**)   Business Manager

Clients services, communication and maintenance for more than 100 existing customers.

01/2014 – 01/2015   the Education University of **Hong Kong**   Guest Lecturer (part-time)

Give lectures to two year-2 required courses: China Studies, Pearl Delta River—Field Study;

EDUCATION

09/2018-09/2019   University of Glasgow   M.Sc. in Information Technology (**With Merit**)

04/2020-07/2020   Udemy   Full-stack Web Development / Advanced CSS and

Sass / Advanced React and Redux

04/2020   Google Digital Garage   Foundation of Digital Marketing
08/2007-12/2013   CUHK   Ph.D. in Gender Studies (3.745/4.0)

SKILLS

- Front-End: JavaScript, CSS (Sass), HTML, Bootstrap 4, JQuery, React(learning Next.js now);

- Back-End: Node.JS, Express.JS;

- Database: MongoDB, PostgreSQL;

- Deployment: Heroku;

- Others: Github, Trello, Agile, Scrum. Roblox (Lua), Web/REST APIs, TensorFlow.JS, D3.JS;

PROJECTS

- Edu product (web app built by Node/Express/Mongoose/EJS)

Sep 2020 – Present
view it: https://www.virtualschoolmaker.com/
A virtual classroom web application based on node/express/ejs/mongoDB, connected with Roblox via web APIs.
auth: passport.js/google-oauth;
data visualization: D3.js;
AI content filter: TensorFlow 2.0;
others: bootstrap 4; jsPDF.js; intro.js;jspdf.js.

- Roblox games

Dec 2020 – Present
Two Roblox games: real-time multiple players compete to answer the questions correctly and quickly. It also has a team vs. team mode.
Games can interact with the above web app via web APIs.
Datastore: MongoDB/Mongo Atlas;
Roblox games developed with Lua script language.

LANGUAGE PROFICIENCY

Chinese Mandarin (Native Speaker);   English (Fluent: IELTS 7.0);
Cantonese (Limited: Reading & Writing: advanced; Listening & speaking: Intermediate);

OTHERS

Quantitative research skills: SPSS; Sports (Dojo, Tennis, Squash, Swimming)