Qian Tang

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CAREER OBJECTIVE

Seeking a position as a junior full-stack front-end Developer, as a new IT master graduate who is adaptable and can think independently, identify and solve problems. I am looking forward to utilize my knowledge in application design and development to build better and user-friendly web&mobile application.

Key Skills:

- Intermediate level of Java, Python, C
- Intermediate level of JavaScript, HTML, React, React Native, CSS, JQuery
- Intermediate level of MySQL, and basic knowledge about non-relational database
- Basic knowledge about machine learning and artificial intelligence
- Familiar with agile development environment

My portfolio website: https://qiantangportfolio.herokuapp.com/

EDUCATION

The University of Melbourne
Master of Information of Technology (Computing)   2017 - 2019

Beijing Institute of Technology
Bachelor of Management Information System   2012 - 2016

PROJECTS

Developed an Emotion Recording App(Android)   04/2018-05/2018

This project implemented an Android application which can rate user's current emotional state, do emotional self-diagnostic test, watch emotional awareness intervention videos, collect and save user's data for analysis.

Key Contributions

- **Interfaces design and implementation:** Design all the user interfaces, including login, register, two emotional model pages and video play page.

- **Back-end implementation:** Design and implement database for collecting user data by using MySQL, including design database structure, data type and database service implementation.

Achievements

- **Java skill:** Gain solid knowledge about Android application design and implementation, including the front-end design and back-end design. Be more familiar with the process of Android application development.

- **Requirement Gathering:** The skill of requirement gathering has been improved by communicating with teammates and supervisors regularly and actively.

Developed Photo-sharing App(IOS)   06/2018-08/2018

This project implemented an IOS photo-sharing application. This application allows users to login or sign up. It allows users to upload photo from a local device or to take a photo by using a camera and share it with other people, and a user can change the filter, brightness,contrast and crop a photo at the same time. It also allows users to search other users by their id or name and add friends with other users, allow users to update their own profile. And it allows a user to check other followed users' activities.

Key Contributions

- **Implement log in, log out and register function:** Implement the basic login, log out and register function for the system and store the user's basic information.

- **Cloud database implementation:** Using Firebase service as the database to store all the information in the system. Design the real-time database structure. Building the bridge between the database and the application.

Achievements

- **Swift skill:** Learn and apply the knowledge of Swift programming language. I have learned a new programming language, and learned how to build an environment to develop an IOS application.

Developed Responsive Web projects   08/2020-09/2020

I completed some responsive web projects and successfully gain the Responsive Web Design Certification which is grant by freeCodeCamp.

Key Projects

- **A product landing page :** The web displays key features of the products and user can choose to display a video to know more about the product. It also includes the pricing part.

- **A tribute page introduces Winnie the Pooh:** The web introduces a very famous cartoon character, Winnie the Pooh, including its origin, history and so on.

- **A Technical Documentation web page about JS:**This is a technical documentation web that introduces JS with a navigation on the left, some code part on the right part of the page.

- **A survey web page which collects people's opinions:** This is a technical Survey web that allow users to input personal information, to do multiple and single choices,

Achievements

- **HTML:** Systematically learn HTML and also strength the understanding of HTML.

- **CSS skill:** Learn the basics of CSS and appropriately apply the knowledge to all the projects I did.

- **Web Design Skill**:Get some new knowledge about web design, like the web accessibility and responsive web design principles.

INTERNSHIP

Developed Online Order App(React Native)   05/2020-08/2020

I built the prototype of an online order application based on a web-based ordering system. This application will display items that a user added before and a user can place an order through this app. And it will display all the statements, payments that a user generated before.

Key Contributions

- **Transform a web-based application to a mobile-based application:** Define the basic requirements by analyzing the web-application. Transform user interfaces from web-based to mobile-based by considering the special attributes of a mobile device

- **Connect API:** Display real data of items, payments, statements by connecting to the API provided by the company. And use provided user API to verify a valid user.

Achievements

- **React&React Native skill:** Be more familiar with React and React Native, which are two very popular front-end development frameworks. Know how to efficiently use those framework in a real work environment.

PERSONAL ATTRIBUTES

- ✓ **Effective Communication Skills:** Happy to communicate with others and can clearly express opinions

- ✓ **Punctuality:** Enjoy being punctual and always be punctual in any situation especial in work environment

- ✓ **Flexibility and adaptability:** Have flexible schedule for work and willing to take changes during work.

- ✓ **Time Management:** Well manage the timetable for work and finish work on time all the time