Qi Kong – Web developer

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SUMMARY

Passionate about designing and developing websites and application with PHP MVC and SPA pattern. Leverage analytical skills and strong attention to detail in order to deliver original and efficient web solutions, build a new job fair website from start to finish, and successfully keep this website running and up-to-date for all of students.

SKILLS

Web Development Skills

- Proficient in HTML, CSS, JavaScript
- ReactJS, jQuery, Bootstrap, AngularJS, Asp.net
- PHP, Laravel Framework
- MySQL
- Node.js
- LAMP Web Service Stacks
- Electron
- WordPress and Drupal
- Proficient in AJAX, JSON, REST API.
- OOP, Java
- Good at using Linux commands
- Superb debugging and problem-solving skills.
- VM and Docker container

Engineering Field Skills

- Digital signal processing
- Communication
- Image processing with Matlab.
- Data analysis
- Acoustic Engineering Signal Processing.

PROFESSIONAL EXPERIENCE

Work Term – NSCC, Nova Scotia, CA
May 2019 – July 2019

- **Job Fair Website**: In my work term, I participated in designing and developing a job fair website for the college in an eight-person team. This website is based on the PHP Laravel. I was a front-end developer. I was mainly responsible for information collection, form and feedback page developing and admin page developing. The website accepts registration for students, administrator and industries and show different contents to different roles. If you log in as an administrator, you can review the statistical data about students, faculties, and industries and send bulk emails to the people you selected. This website is very functional for all students, industries, and administration.

Academic projects – NSCC, Nova Scotia, CA
September 2018 – Present

- **A full-stack App managing Pizza Restaurants' information**: The functionality of this app is managing restaurants' data through creating, editing, searching and deleting methods which need user authentication. The pizza restaurants' data was imported to MongoDB. Server side includes CRUD API implementation and Json token verification. Front-end interface is built by ReactJS and react router. Each form has hapi-joi validation.
- **Social Feeds Website**: This website is built by PHP Laravel. I give three different user roles to the administration which include user manager, theme manager and post manager. Each user can do different tasks. The website has all bootstrap watch themes, managed by a theme manager.
- **A note desktop App**: This desktop app is used to save text notes including title, tags and contents. It has trash which keeps the notes deleted and you can restore it. These notes can be searched by tags or texts. This app is built with electron framework and knexJS query builder. Sqlite3 is used as the database.

Researcher Assistant – Jeju National University, KR
Mar 2011 – Oct 2014

- Be responsible for acoustic and ultrasound signal data collection and analysis.
- Designed a fluid cycle system experiment to get data using ultrasound equipment.
- Collected data from ultrasound equipment and analyzed data.
- Simulate a model for studying RBC dynamics with MATLAB.

EDUCATION

Diploma, Web Development – Nova Scotia Community College, NS, CA
Sep 2018 – present / May 2020 - graduation

M. S. Electrical Engineering – Harbin Engineering University, Harbin, CHA
Sep 2008 – Mar 2011

B. S. Electrical Engineering – Harbin Engineering University, Harbin, CHA
Sep 2004 – Aug 2008

LANGUAGE

Speaking and writing in both English and Chinese.