Andy Liu

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SKILLS

- Full life cycle experience, involved in requirement analysis, design, development, testing, deployment and support
- Strong command in leading Frameworks Team such as Vue.js, foundation.js, bootstrap.js, React.Js and Laravel.php
- Familiar in working with UI/UX Design technologies like Sketch, Photoshop, Illustrator, After Effect
- Strong time management and organizational skills with the ability to prioritize work in order to meet rigid deadlines
- Excellent problem-solving skills with the ability to deal with client conflicts, handle crisis situations accurately according to company policies and procedures
- UI & UX: presented and explained design concepts and ideas to the clients and had been adopted
- Object Orient Programming/MVC: built projects in MVC design pattern with a deep thought of OOP
- Solid understanding knowledge as a web developer below:

◆ XML/HTML5	◆ JavaScript/jQuery	◆ MySQL/MongoDB
◆ CSS/CSS3/Sass	◆ AJAX/Axios	◆ PHP/Laravel
◆ Gulp/webPack	◆ Vue.js/React.js	◆ HTTP/HTTPS
◆ Adobe Creative Suite	◆ RESTful API	◆ Linux
◆ Bootstrap/Foundation	◆ CMS	◆ WordPress
◆ Responsive Design	◆ Vuex/Redux	◆ Git

PROFESSIONAL EXPERIENCE AND PROJECTS

Front End Developer

SomoPlay Inc. – Toronto, ON | May 2019 - Present
Working on developing web applications by using Vue.JS and React.JS framework suit.

- Work with template system and migrating existing web code to Vue,js/React.js framework in single-page applications(SPA)
- Design and implementing UI for web-based applications using Material-ui, Element-ui, HTML, CSS, CSS3, Animate.css, Sass, Adobe Creative Suit and Bootstrap
- Develop the Front-End User Experience using Vue.JS, React.JS, JavaScript, jQuery, Moment.js and Lodash.
- Collaborate with back end developer for API refinement and improvement utilizing Postman/JSON
- Implement client-side validations in registration forms, information initial form, login and logout forms in both React.JS and Vue.JS framework
- Use tools GIT for version controlling, chrome developer tools for Debugging, Redux Dev-Tools and Vue Dev-Tools for time-travel debugging and live editing
- Use Redux for state management and Redux-Thunk for async side effects(API access)
- Develop code to interact with Restful API using Ajax, Axios, ES6 Promise in XML and JSON
- Develop in Object Oriented Programming concept with mostly new features in ES6/ES7, also knowledge in OOP in JavaScript Prototyping,
- Experience with the Vue.js ecosystem, including Vue CLI, Vuex, Vue Router, and Vue Dev-Tools
- Build email template system for clients editing and sending email to interact with their customers
- Use Vue.js events distribution and parent chain for parent-child component communication
- Develop CRUD(create, read, update, delete) for users to manage content with CMS concept

Web Designer and Developer

Chuck Howard Associates Inc. – London, ON | February 2019 - April 2019
Worked on designing and developing web application by using MVC design pattern.

- Assisted clients in understanding the feasible options in updating web application and helped them redesign it meeting their requirements(category, clear structure, obvious product feature)
- Rebuilt the HTML5, CSS, JavaScript, jQuery, PHP code in MVC design pattern.
- Designed and implemented responsive web application
- Created the database in MySQL and categorized data by using the linking tables
- Linked with contact form and hosting email server to achieve functional PHP contact form

Back End Developer --- Organ Donation Project

Worked on redeveloping organ donation project with PHP/MySQL/Laravel framework

- Interacted with composer to make further improvement: Faker data and Captcha generation
- Implemented third-party plug-in into project: Datatable, LaravelExcel, Webuploader, Layer
- Designed and developed RBAC system in three tables based on CMS platform in managing admins' and users' authorities
- Worked in WAMP platform(Window, Apache, MySQL, PHP)
- Worked on database design and entities relationships
- Applied version control software(Git) to track, test, and update pre-existing source code

EDUCATION

Interactive Media Design – Diploma

Fanshawe College | London, ON | April 2019
Coursework: Multimedia and The Internet, Digital Media Theory & Project Management, Web Development, Multimedia Production, Multimedia Authoring
Extra-Curricular Involvement: Peer Tutor, the President of Fanshawe Chinese Society

Software Engineering – Bachelor of Engineering

JiangXi Agriculture University | Nanchang, Jiangxi, China | April 2016
Coursework: JAVA program design, Large database technology (oracle), Database principles and application, Web development technology (Java or .net), Visual modeling and UML, Web development foundation
Extra-Curricular Involvement: Startup CEO, Freshman Counselor, The Office Director of Student Union
Awards:

- Science and Technology Academic, Innovation and Entrepreneurship Scholarship
- The Second-class Scholarship
- The Third-class Scholarship

VOLUNTEER EXPERIENCE

President

Fanshawe Chinese Society – London, ON | February 2018 - April 2019
FCS is a club serving international students to help them integrate into Canadian life smoothly, and assisting international office, fanshawe student union to organize events.

- Planned and organized activities each month to help new students integrate into campus and Canada life as soon as possible.
- Organized and hold special event --- Asian Lunar New Year's Party and Mid-Autumn Festival gala, etc to unit international students.
- Deployed and host FCS official website and social media accounts