

Andy Liu

Email: andyvviar@gmail.com | Phone: 5196974518 | Address: Toronto, ON

Linkedin: <https://www.linkedin.com/in/liu-an-51b95b156/> | GitHub: <https://github.com/an-liu1> | Portfolio: <http://andyliu.ca/>

SKILLS

- Full life cycle experience, involved in assigned analysis, design, development, testing, deployment, and support
- Strong time management and organizational skills with the ability to prioritize work to meet rigid deadlines
- Excellent problem-solving skills with the ability to handle and resolve client conflicts comfortably
- Three years' experience with Web knowledge as follow:
 - ✓ Programming Languages: JavaScript(ES5/ES6), PHP
 - ✓ Markup Languages: HTML5, XML, CSS, CSS3, Sass
 - ✓ JS Frameworks: jQuery, React.js, React Hooks, Redux, Vue.js, Vue Composition API, Vuex
 - ✓ UI Frameworks: Bootstrap, Foundation, Element UI, Material UI, Vuetify, WordPress
 - ✓ UX & UI: Responsive Design, Photoshop, Illustrator, After Effect
 - ✓ Database & Relative: MySQL, MongoDB, RESTful API, JSON
 - ✓ Version Control: Git
 - ✓ Other Skill Stack: AJAX, Axios, Gulp, webPack, Laravel.php

PROFESSIONAL EXPERIENCE AND PROJECT

Front End Developer

SomoPlay Inc. – Toronto, ON | May 2019 - Present

Working on developing single-page applications(SPA) by using Vue.JS and React.JS framework suit in an agile environment

- Work with template and non-template systems in building responsive web application components
- Collaborate with Back-end team for API refinement and improvement utilizing Postman
- Design and implement web layouts and animations, and refactor legacy code in new features
- Utilize tools like GIT for version controlling, Chrome DevTools for debugging (edit HTML/CSS, breakpoint), JIRA for project management

React Project --- School Enrollment System

- Create single page application with React.js/React Hooks by building reusable UI Components(pagination, search bar, email template system, etc.)
- Develop a utility library for form validation and user acknowledgment
- Use Redux and Redux-Thunk/Redux-Saga in state management and API consumption
- Apply Axios to process asynchronous data in CRUD actions, and Redux-dev Tools to debugger
- Extensively use core features including Props and State management and specification
- Design dynamic web pages with Material UI, Bootstrap, CSS3, Animate.css
- Utilize third-party libraries including CKEditor for creating and editing email template, Ekko-lightbox for displaying images, Moment.js for parsing and validating dates, NProgress.js for building dynamic progress bar, etc.

Vue Projects --- Content Management System, Online Dating System, Online Food Ordering System

- Develop experience in the Vue.js ecosystem, including Vue CLI, Vuex, and Vue Router
- Create Vue project with Vue CLI and build the project with Vue2 and Vue3(Composition API)
- Restructure asynchronous and synchronous global data in Vuex by avoiding complicated prop drilling
- Refactor and develop dynamic responsive web application from Angular2 and Bootstrap to further Element UI and Vue.js
- Implement client-side validations in registration forms, information form, user authentication and authorization system

Web Designer and Developer

Chuck Howard Associates Inc. – London, ON | February 2019 - April 2019

Worked on designing and developing web application by using the MVC design pattern.

- Assisted clients in understanding the feasible options in updating web application and meet their requirement in terms of category, clear structures and other product features
- Rebuilt the responsive web application with HTML5, CSS, JavaScript, jQuery, and PHP in MVC design pattern
- Created and maintained database in MySQL by categorizing the datasets
- Achieved functional PHP form by Linking contact forms and hosting email server

Back End Developer --- Organ Donation Project

Worked on redeveloping organ donation project with Laravel framework

- Interacted with composer to achieve further improvement: Faker data and Captcha generation
- Implemented third-party plug-ins into the project: Datatable, LaravelExcel, Webuploader, Layer
- Designed and developed the RBAC system in three tables based on CMS platform in managing admins' and users' authorities
- Worked in WAMP platform(Window, Apache, MySQL, PHP), and database creation and its entities relationships

EDUCATION

Interactive Media Design – Diploma Fanshawe College | London, ON | September 2017 - April 2019

Extra-Curricular Involvement: Peer Tutor, The President of Fanshawe Chinese Club

Software Engineering – Bachelor of Engineering Jiangxi Agriculture University | China | September 2012 - April 2016

Extra-Curricular Involvement: Startup CEO, Freshman Counselor, The Office Director of Student Union

VOLUNTEER EXPERIENCE

Web Developer && Core Member

Chinese Project Management Professionals Association of Canada –Toronto, ON | September 2019 - Present

A leading and respected professional organization for Chinese Project Management Community in Canada

- Optimize the web design, functionality and provide technical support by communicating effectively among different departments
- Execute marketing partners and established new media channels through various institutions including private/public sector, local/national/Asia PM association, professional organizations, education institutions, government agency, etc.
- Develop and maintain the CPMP sponsorships by increasing the awareness through holding events and online/offline ads

President

Fanshawe Chinese Society – London, ON | February 2018 - April 2019

FCS is serving for international students to help them integrate into Canadian life, and assisting international office, Fanshawe student union to organize events

- Planned, organized campus events and encouraged new comers to integrate into the school activities
- Organized and hold special events --- Asian Lunar New Year's Party and Mid-Autumn Festival Gala, etc. to further enhance the culture communication
- Created, deployed and maintained FCS official website and the social media account