Yi Liu

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SUMMARY OF QUALIFICATIONS

- Web development work experience with JavaScript (React & jQuery & Ajax), HTML5 & CSS3, PHP
- Knowledge of UI fundamentals, multi-platform compatibility, and Web Accessibility
- Experience in API development with MySQL and GraphQL
- Good communication skills, problem-solving skills, and detail-oriented

RELEVANT SKILLS

- Programming: HTML5 & CSS3, JavaScript, PHP, Java, etc.
- Framework: jQuery, React, Nodejs, etc.
- Testing framework: Junit, Mocha, Jest, and Cypress, etc.
- Other: Git, Linux, MySQL, Drupal, WordPress, etc.

WORK EXPERIENCE

Frontend Web Developer (Contract)   2020.09 – current

Eclipse Foundation, Ottawa, ON, CA

- Develop React App with reusable components for event sites to meet modern marketing requirements, and for membership portal to automate the registration process
- Develop other Hugo & PHP websites with JavaScript for the marketing team as well as partners to achieve flexibility with dynamic data and a better user experience
- Maintain & support custom PHP frameworks and improve the base theme, including major refractory of JavaScript plugins and LESS styles to allow integration with new REST APIs and meet the design mockup
- Design and develop automated tests for React App with Jest and Mocha

Developer (Intern to contract)   2020.01 – 2020.09

AedoAI, Gatineau, QC, CA

- Used Nodejs and GraphQL & Apollo to add/improve server functions and built APIs to interact with data
- Developed test-driven & reusable React components to implement interactions with the server and to realize the interfaces for labour planning
- Designed & implemented test plans and analyzed the test cases to assure performance for UI and server
- Created automated test scripts with Cypress, Jest, and Python to achieve high coverage

Junior Web Developer (Part-time)   2019.09 – 2020.04

uOttawa IT Web Service, Ottawa, ON, CA

- Developed web applications (modules) in Drupal sites (PHP & MySQL) to improve webform deployment
- Improved applications to provide reverting edit functions and maintained current module functionalities
- Created & updated Drupal webpages to meet the design requirements, and supported & maintained uOttawa Drupal theme (integrated with PHP, jQuery, CSS)
- Conducted training for University's webmasters

Teaching Assistant (C&Java)   2019.09 – 2020.04

University of Ottawa, Ottawa, ON, CA

- Tested students' assignments with JUnit
- Prepared and gave instructions to students during C / Java programming Lab

Web Developer (Intern)   2019.05 – 2019.08

Capital International Academy School, Ottawa, ON, CA

- Developed new features in web applications (Python & Django & MySQL) for online study system to parse data automatically
- Used Adobe Suites to make the prototype for marketing websites and translated the mockup into live web pages using HTML & CSS, JavaScript, PHP

TECH VOLUNTEER

Webmaster Team Lead   2019.09 – 2020.02

IEEE Student Professional Awareness Conference, Ottawa, ON, CA

- Led a small team to build an official marketing website for IEEE SPAC 2020 to make promotion and attract patrons to support the networking event which benefited around 13 patrons and 150 attendees
- Built the website using front-end technology (HTML5, CSS3, JavaScript & jQuery, etc.) and created the back-end function to upload attendees' resumes (PHP)

Website Manager   2019.01 – 2019.04

Canadian Environmental Network, Ottawa, ON, CA

- Redesigned the website, making it up-to-date and more user-friendly (PHP, Drupal, jQuery)

EDUCATION

Master of System Science - Computer Science & Electrical Engineering   2018.09 – 2020.04

University of Ottawa, Ottawa, ON, CA

Bachelor of Engineering   2014.09 – 2018.06

Hubei University, Wuhan, Hubei, CN