Yi Liu

180 Lees Ave., Ottawa, ON, K1S 5J6
T: +1 819 775 1837 E: yliu538@uottawa.ca
Portfolio website: https://flora8984461.github.io/
LinkedIn: https://www.linkedin.com/in/yiliu-fullstack-developer/

SUMMARY OF QUALIFICATIONS

- Web development work experience with JavaScript (jQuery, React), and HTML & CSS
- Backend development with Nodejs, PHP, and Python
- Work experience with CMS such as WordPress, Drupal
- Daily usage of Git and experience with Agile work environment

RELEVANT SKILLS

- Programming: HTML5 & CSS3, JavaScript, Python, PHP, Java, etc.
- Framework: jQuery, Reactjs, Bootstrap, Django, Laravel, etc.
- Testing: Cypress, TestCafe, Jest, Mocha, etc.
- Other: Git, Jira, TOPdesk, Linux, Docker, MySQL, WordPress, Drupal, etc.

WORK EXPERIENCE

Developer   2020.01 – current

AedoAI, Gatineau, QC, CA

- Use Nodejs and GraphQL & Apollo to develop server functions and build APIs to interact with data
- Use Reactjs to develop web application and to implement interactions between frontend and backend
- Design and implement test plans and analyze the test cases to assure performance for UI and server
- Write test-driven & reusable React components and create automated test scripts with Cypress, Jest and Python to achieve high coverage

Junior Web Developer   2019.09 – 2020.04

uOttawa IT Web Service, Ottawa, ON, CA

- Executed tests to validate the functionality of applications managed by the team
- Developed web applications (such as modules) in Drupal (PHP & MySQL) and participated in Drupal upgrading and conducting training to University's webmasters
- Handled Topdesk tickets to help clients solve technical problems, diagnosed bugs and repaired programming issues

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

- Used Adobe suits to make the prototype for marketing websites and translated the design into live web pages including implementation & theme customizing with WordPress (JavaScript & PHP)

Teaching Assistant (Java & C)   2019.01 – 2020.04

University of Ottawa, Ottawa, ON, CA

- ITI1121 Introduction to Computing II: Java programming, and used Junit to test students' assignments
- GNG1106 Fundamentals of Engineering Computation: C programming

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 implemented back-end function (PHP)

Website Manager   2019.01 – 2019.04

Canadian Environmental Network, Ottawa, ON, CA

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

EXTRA-CURRICULAR ACTIVITIES

Professional Development Club Founder & VP   2019.09 – current

University of Ottawa, Ottawa, ON, CA

System Science Graduate Student Association Founder & Faculty Council Member   2019.09 – 2020.04

University of Ottawa, Ottawa, ON, CA

EDUCATION

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

University of Ottawa, Ottawa, ON, CA

- Courses include Computer Science and Electrical & Computer Engineering

Bachelor of Engineering   2014.09 – 2018.06

Hubei University, Wuhan, Hubei, CN

- Courses included Mathematics, Programming, engineering, etc.