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Career Objective

An organized, responsible and energized graduated master student with a rich technical skill-set and passionate for designing and crafting efficient responsive website; skilled in multitasking and working on several projects simultaneously, aiming at pursuing a career as Front-end developer.

Professional Summary

- 3 years of development experience for fulling functional responsive prototypes based on requirements using HTML/HTML5, CSS/CSS3, JavaScript(jQuery, Ajax, Angular JS), and PHP(Laravel)
- Experienced processing skill with SQL queries between the database system and server side code management
- Familiar with MVC design pattern, Bootstrap web framework, and WordPress content management system
- Fulfill solid knowledge of cross-platform and cross-browser website testing and able to write automated test cases and test plans
- Experienced in hybrid native iOS application development using Objective-C to load mobile-friendly web-view
- Familiar with the Photoshop workspace and tools
- Have a strong understanding of object-oriented design, data structure, algorithm, software requirement analysis, software architecture, and UML
- Comfortable working in the Linux command line environment
- Operating system: Mac, Windows, Linux
- Collaboration platform: GitHub, Bitbucket

Work History

Software Developer Internship(Reference Available), 08/2016 to 01/2017
Silicon W Inc(LiveApp) – Kitchener, ON

- Responsive web-based learning system version update and maintenance
- Database maintenance and documentation modification on both test server and live server
- Cross-platform and cross-browser product quality assurance before releasement
- Legible feature instructions compilation after product updating and testing
- Native iOS application latest version code update and new functions implementation

Education

Master of Engineering: Electrical and Computer Engineering(Software Engineering), 2016
University of Waterloo - Waterloo, ON, Canada

Related project experiences

Web-based online learning system
Updated the original website interface and realized the mobile-friendly design; generate PHP code combined with HTML web page from the web designer; member authentication; interacted PHP code with SQL query to manage information like financial transactions, user activities and survey results; added web page actions by applying JavaScript, Jquery, and Ajax.

Hybrid iOS native application development
Modified the native Objective-c code as the latest version to load the web-based app in WKWebview, added new functions to the native app (Ex. sending Push Notifications to users' device, adding image picker portal for in-app online chatting, interacted useful app information between app code and server side etc.).

Dynamic Webpage for Trusted Clothes(The project code can be accessed here:https://github.com/MiaYao/Trusted-Clothes)
Built the dynamic local web page for Trusted Clothes include user registration and active navigation bar.

Hotel Registration API Application (The project code can be accessed here:https://github.com/MiaYao/Hotel-Registration-API-Application/tree/master/assignment%202/souce%20code)
Built an API application interact with SQL queries to generate the hotel database table and realized multi-purpose data modification.