Hussein Fakhreddine

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A full stack web developer specializing in the MERN stack looking for an entry to junior level opportunity. Proficient in HTML5, CSS3, JavaScript, jQuery, Bootstrap, Materialize, Semantic UI React, React JS, Node Js, EJS, MySQL, MVC, Express, MongoDB, Git/GitHub, Scrum & Agile Methodologies. Also, well versed in the IT industry with an extensive background in computer science and electronic engineering.

EDUCATION

Bachelor of Science, Software Development   Anticipated Graduation: June 2019
Western Governors University (Online Part-Time)
- Curriculum focused on Web Development Foundations, Data Management Applications and Software Applications
- Courses included User Interface Design, Scripting and Programming – Applications, Software II – Advanced Java Concepts and Mobile Application Development

UCI Coding Boot Camp, Full Stack Web Development   October 2017 - January 2018
UCI, Division of Continuing Education
- An intensive 12-week program dedicated to designing and building web applications through both team/individual projects, code reviews and pair programming
- Hands-on experience with HTML5, CSS3, JavaScript, jQuery, Bootstrap, WordPress, Node, MySQL, MongoDB, Express, Git/GitHub, MongoDB, Data Structures, API's, Agile Methodologies, React, technical principles and culture

Bachelor of Science, Electronics Engineering   July 2008 - June 2012
ITT Technical Institute
- Schematics, Diagnosis, Troubleshooting, Soldering and Digital Multimeter Measuring
- Technical Communication, Organizational Behavior and Leadership

RELEVANT WORK EXPERIENCE

Freelancer - Orange, CA   July 2017 – Present
Full Stack Web Developer
Front-end:
- Achieved effectiveness with reusable and readable clean code by means of semantic HTML5 markup and the use of model-view-controller (MVC) architecture
- Demonstrated responsive web design by using CSS3 media queries and implementing column/row grid system
- Accomplished user-friendly UI/UX web applications with the use of JavaScript ECMAScript 5/6, EJS templating and jQuery library

Back-end:
- Implemented the requirement of server npm packages express, bodyparser and mongoose
- Created full stack web applications by implementing database query languages such as MySQL and MongoDB
- Demonstrated experience with current frameworks React, Node, Bootstrap, WordPress, Materialize and Semantic UI
- Developed websites that displayed information from RESTful web API's such as Giphy, NY Times, Edamam, Zomato and YouTube

Tools:
- Collaborated with teams of developers to manage application projects using scrum and Agile methodologies
- Demonstrated effective communication and leadership skills by guiding team members to use a software version control system that includes Git CLI, web hosting repository service GitHub and GitKraken GUI

Western Digital - Irvine, CA   August 2014 - March 2017
Firmware Validation Engineer
Validation:
- Achieved successful failure analysis and troubleshooting on Enterprise and Legacy hard disk drives using isolation methods to determine root cause of failure using the Firmware Tool Management System (FTMS), for failures such as code, script errors or faulty hardware. Performed closely with various teams such as firmware, software, and validation team to validate code, script packages and experimental changes.

Testing and Management Tools:
- Demonstrated testing with Linux and Windows 10 operating systems for Legacy and Enterprise hard disk drives using Virtual Network Computing (VNC) and Remote Desktop. Managed test plans, test cycles and test status allowing a continuous process of firmware integration.

Software Development:
- Collaborated with development team to build C code and submit to Trunk Suite Site, which processes firmware packages and is allocated to testing platform (FTMS), to run in automation. Generated reports of bug failures using Western Digital Issue Tracker (WDITR). Bench tested bugs and errors before providing failure data and duplication techniques.

Equipment and Drive Manager:
- Managed trace equipment for development and testing team, including XGIG Analyzers, Lauterbach's, and Emulator's using FTMS. Answerable for hard disk drive inventory and configuration, allocated systems to respective code bases and test platform types. Supported daily maintenance of drive conditions, by downloading clean state firmware, or restoring to latest backup, to expand firmware integrity and drive funding.

Training:
- Established new training techniques for team members and new employees on how to complete proper equipment setup and utilization, with connection configuration, respective software configuration, breakpoints and debug stops, to capture failure data and report to firmware engineers.

CERTIFICATIONS

Certified Internet Web Professional   January 2018 - Present
CIW Advanced HTML5 and CSS3 Specialist   *License 803971*

CompTIA   October 2016 - October 2019
CompTIA A+   *License COMP001021073233*

ADDITIONAL WORK EXPERIENCE
- **Manager at Men's Trendz**   2/2013 – 8/2014
- **Information Services Technician at Tek Systems**   10/2012 – 2/2013