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| |  | | --- | | **Mohammad Daraghmeh** | | **Citizenship: American/Jordanian**  390 Clay Road Rochester, NY **|** 72nd St. North Bergen, NJ | | |  | | --- | | **Contact Information** | | **Tel : 201-667-5435** (Mobile)  **E-mail: mohammad@daraghmehdigital.com** | |
| ..   |  | | --- | | **Objective:** Seeking a Summer/Fall Co-Op in the field of Computer Engineering | **Availability**: May through August |  |  | | --- | | **Education/Language** | | |  |  |  |  | | --- | --- | --- | --- | | Sept. 2011 – 2016 (In Pursuit) *College Education* | **Rochester Institute of Technology** – Rochester, NY Degree: Bachelor of Science  **Major**: Computer Engineering | | | | Dec. 2009 – June 2010  *College Education* | **New Jersey Institute of Technology** – Newark, NJ Program: Continuing Professional Education Course: **iOS** Application Development (CEUs: 3) | | | | **Languages** | English (Native and Fluent) | Arabic (Native) | Spanish (Basic) | | | |
| ..   |  | | --- | | **Relevant Courses** | | |  |  |  | | --- | --- | --- | | Circuits I & 2 | 2013-14 Fall Quarter | | | Digital Systems Design | 2012-13 Summer Quarter | | | Hardware Description Languages | 2012-13 Spring Quarter | | | Assembly Language Programming | 2012-13 Fall Quarter | | | Object-Oriented Programming | 2012-13 Summer Quarter | | | Data Structures For Problem Solving | | 2011-12 Winter Quarter | | Problem-Based Intro CS | 2011-12 Fall Quarter | | | Calculus Sequence (A,B,C), Differential Equations, Probability and Statistics I | 2011-14 | | |  |  | | --- | | **Key Skills** | | Proficient or familiar with a vast array of programming languages, concepts and technologies, including:   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Operating System** | Microsoft XP, 7, and 10 | | | | | Macintosh OSX 10.4-10.10 | | | | | Adobe CS6 Suite  (*Focus*: Photoshop/Dreamweaver) | | | |  | | | | **Software** | Autodesk Inventor & Revit Architecture | | Bentley MicroStation | | Microsoft Visual Basic/Studio | | | | Eclipse | | | MathWorks Matlab | Quartus II | |  | | | **Languages** | JavaScript/ CoffeeScript | CSS,HTML,XML,MySQL & PHP | | Python | | | | Objective C | | Java | | HCS12 Assembly | | VHDL/ Verilog |  | | **Hardware** | Digital Multimeter | | Function Generator | | | | Tektronix Oscilloscope | | | | | Altera Board HCS12 | | | |  |  | | --- | | **Project/Labs** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Digital Systems Project** | Four week VHDL based project in creating, simulating, and synthesizing a behavioral model of a vending machine | | | | | | | **OOP Project (Java)** | Two week Java based project designed in the way of a model-view-controller (GUI/Engine) for the classical game *Battleship* | | | | | | | **Intro Digital Systems Lab** | Various digital logic circuits were created and analyzed for the adaption to an Altera hardware board, HCS12 | | | | | | | **Hardware Description Lab (VHDL)** | The design and simulation of three image processing algorithms in VHDL  (Contrast increase/decrease, Stretching and Median filtering) | | | | | | | **Problem-Based Intro Cs Project (Python)** | Ten week Python based project for creating an artificial intelligence to play the classical game *Quoridor* | | | | | | | | |
| |  | | --- | | **For an In-Depth view of my projects and skills, visit my personal portfolio at <http://daraghmehdigital.com>** | | |
| |  | | --- | | **Work Experience** | | **References available upon request**  **Availability: End of Spring Semester (End of May)** | | |  | | --- | | **Contact Information** | | **Tel : 201-667-5435** (Mobile)  **E-mail:daraghmeh.mohammad1992@gmail** | |
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| |  |  | | --- | --- | | **Web Developer ~ Freelancer** | 2008 – Current | | |  | | --- | | I have acquired over the years, an arsenal of particular set of skills; skills that have allowed me to acquire independent freelancing projects. Projects varying from implanting a template based site to complete custom websites to web apps.  **Responsibility:** Creation/Implementation of website, Hosting, Maintenance of content/design, Database/User Interface, Clone/Migration and more.  **Online Portfolio: <http://daraghmehdigital.com>**  **GitHub Repo: <http://github.com/Daraghmeh>** | | | | |
| |  |  | | --- | --- | | **IDI Billing Solutions ~ Software/Quality Assurance Engineer** | June 2015 – Current | | |  | | --- | | I wear a few hats at my latest co-op with the two mainly being a software engineer and quality assurance engineer. As a software engineer, I was tasked to create a complete server interface dashboard (Hal0). As a quality assurance engineer, I was given the lead role for developing and implementing QA processes for multiple projects/platforms primarily web services.  **Responsibility:** Self-Educating on Various Languages (PowerShell, C#, and much more), Meeting Deadlines and Assisting team members. Writing/Maintaining test plans and test cases, creating databases and environments, Writing/Executing automation test script of CostGuard (client/server based). | | |  |  |  | | --- | --- | | **Rochester Institute of Technology ~ Web Developer/Master** | August 2014 – June 2015 | | |  | | --- | | Employed as the sole manager for the design (front-end/back-end), implementation, and documentation for RIT’s Simone Center. This job is a high privilege as the Simone Center is RIT’s prized gem and for good reason since the center is viewed as a national leader in innovation and entrepreneurship.  **Responsibility:** Managing and Maintaining the website’s functionality, databases, and uptime, Marketing of the website on various platforms, and Performing administrative work. | | |  |  |  | | --- | --- | | **EnerNoc ~ Software Engineer Intern** | January 2014 – July 2014 | | |  | | --- | | My assignment was to become part of the Advance Technology Division. The main purpose was to perform hardware and software R&D hence my work on various projects such as PowerTalk (Real-time XMPP communication for any smart meter device) and online public use of PowerTalk through Play Framework.  **Responsibility:** Maintaining GitHub Repositories, Self-Educating on Various Languages (JavaScript/ CoffeeScript, Scala, XMPP, and much more), Meeting Deadlines, Attending Meetings, and Assisting team members. | | |  |  |  | | --- | --- | | **Rochester Institute of Technology ~ Social Media Analyst** | February 2013 – Current | | |  | | --- | | The task of building an engaged online community for the department of Finance & Administration via new and existing media/technology in order to build brand awareness. As of 2015, this community has grown to 3,000+ users.  **Responsibility:** Create and schedule social media platforms, Assist in the research, development, and implementation of real-time media and its frontline, Manage and reinforce relationships with other branches; Monitor, analyze, and review effective benchmarks for growth of community. | | | | |