MOHAMMAD DARAGHMEH

CITIZENSHIP: AMERICAN

Employment

IDI Billing Solutions — Rochester, NY
Software/Quality Assurance Engineer Intern — Jun 2015 to Dec 2015

- SE: Tasked with creating a complete server interface dashboard (Hal0).
- QAE: Lead role for developing and implementing QA processes for multiple projects/platforms primarily web services.
- Self-educating on various languages (Powershell, C#, and more)
- Writing/Executing/Maintaining automation test script for CostGuard (Client/Server Based)

Rochester Institute of Technology — Rochester, NY
Web Developer/Master/Social Media Analyst — Aug 2014 to Current

- Employed as the sole developer of front-end/back-end implementation for both RIT's Simone Center and RIT's F&A Project, RIT Behind the Bricks.
- Building an engaged online community with unique self created content.
- Managing and maintaining the databases, functionality, security, and uptime of various online platforms.

EnerNoc — Boston, MA
Software Engineer Intern — Jan 2014 to Jul 2014

- Performed hardware and software R&D on various projects such as PowerTalk (Real-time XMPP communication) for various smart meter devices.
- Online implementations of PowerTalk (Play Framework/Scala/Java).
- Maintaining GitHub repositories, self-educating on various languages (JavaScript/CoffeeScript, Scala, XMPP, and more)

Daraghmeh Digital
Freelance Web Developer — 2010 to 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 implementing a template based site to complete custom websites to web apps.
- Creation/implementation of website, hosting, maintenance of content/database/design, user interface, clone/migration and more.

Projects

Digital Systems
Four week **VHDL** based project in creating, simulating, and synthesizing a behavioral model of a vending machine.

Hardware Description Lab
The design and simulation of three image processing algorithms in **VHDL** (Contrast increase/decrease, Stretching and Median filtering).

Intro to Software Engineering
A three week **Python Django** infused based project with the purpose of enabling neighbors in a community to be able to share items of common use. That was later enhanced and published online as an independent learning project.

Problem-Based Intro to CS
Ten week **Python** based project for creating an artificial intelligence to play the classical game Quoridor.

Object Oriented Programming
Two week **Java** based project designed in the way of a model-view-controller (GUI/Engine) for the classical game Battleship.

Contact

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- Daraghmeh

Education

2017 — Rochester Institute of Technology
Bachelor of Science
Computer Engineering

2011 — Academies @ Englewood
Highschool
Pre-Engineering

2010 — New Jersey Institute of Technology
Continuing Professional Education
iOS Application Development

Activities / Awards

Oct 2015 — TigerTank (Global Event)
Similar to Shark Tank but with a RIT twist. My winning entry FlickShare, aims to bring back that feeling of togetherness when watching media

Apr 2015 — BrickHack 2015
Winner of Bose SoundTouch API Challenge, winning entry SMShuffle

Sep 2013 to 2016 — RIT Muslim Student Association
Vice-President/Director of IT

Jan 2013 to 2016 — Barakah Charity/Foodlink
Event Coordinator/Web Master/Volunteer

Skills

HARDWARE	LANGUAGES	SOFTWARE
Altera Board HCS12	Python	Autodesk Inventor/Revit
Digital Multimeter	C/Objective C	Eclipse/PyCharm
Function Generator	Java	Keil
Tektronix Oscilloscope	HCS12 Assembly	Matlab
	VHDL/Verilog	MicroStation
	HTML5	PSpice
	CSS	Quartus
	JavaScript	Visual Studio
	XML	
	MySQL	
	PHP	