

MOHAMMAD DARAGHMEH

CITIZENSHIP: AMERICAN

Employment

IDI Billing Solutions

Software/Quality Assurance Engineer Intern

Rochester, NY

Jun '15 to Current

- 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 of CostGuard (Client/Server Based)

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.

Rochester Institute of Technology

Web Developer/Master

Rochester, NY

Aug '14 to Jun '15

- Employed as the sole manager for the design (front-end/back-end), implementation, and documentation for RIT's Simone Center.
- This is a high privilege as the Simone Center is RIT's prized gem.
- Managing and maintaining the website's functionality, databases, uptime, and marketing of the website on various platforms.

EnerNoc

Software Engineer Intern

Boston, MA

Jan '14 to Jul '14

- 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 via Play Framework/Scala/Java.
- Maintaining GitHub repositories, self-educating on various languages (JavaScript/CoffeeScript, Scala, XMPP, and more)

Projects

Digital Systems Project

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 Project

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 CSProject

Ten week **Python** based project for creating an artificial intelligence to play the classical game Quoridor.

Object Oriented Programming Project

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

2016 Rochester Institute of Technology

Bachelor of Science
Computer Engineering

2010 New Jersey Institute of Technology

Continuing Professional
Education
iOS Application Development

Activities / Awards

Oct 2015 **Tiger Tank (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**
Winner of Bose SoundTouch API Challenge, winning entry [SMSHuffle](#).

Sept 2013 to Current **RIT MSA (Muslim Student Association)**
Vice-President/Director of IT

Jan 2013 to Current **Barakah Muslim Charity**
Event Coordinator/Web Master/Volunteer

Jan 2013 to Current **Foodlink**
Volunteer

Skills

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