

# MOHAMMAD DARAGHMEH

CITIZENSHIP: AMERICAN

## Employment

### IDI Billing Solutions

Software/Quality Assurance Engineer Intern

Rochester, NY

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

Web Developer/Master/Social Media Analyst

Rochester, NY

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

Software Engineer Intern

Boston, MA

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 [SMSuffle](#)

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

Altera Board  
HCS12

Digital  
Multimeter

Function  
Generator

Tektronix  
Oscilloscope

### LANGUAGES

Python  
C/Objective C

Java

HCS12  
Assembly

VHDL/Verilog

HTML5

CSS

JavaScript

XML

MySQL

PHP

### SOFTWARE

Autodesk  
Inventor/Revit

Eclipse/PyCharm

Keil

Matlab

MicroStation

PSpice

Quartus

Visual Studio