

MOHAMMAD DARAGHMEH

CITIZENSHIP: AMERICAN

Employment

IDI Billing Solutions

Software/Quality Assurance Engineer

Rochester, NY

Jun 2015 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)

Freelancer

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 2014 to Jun 2015

- 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 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 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

Apr
2015

BrickHack

Winner of Bose SoundTouch API
Challenge

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

Altera
Board
HCS12
Digital
Multimeter
Function
Generator
Tektronix
Oscilloscope

LANGUAGES

CSS
HCS12
Assembly
HTML5
Java
JavaScript
MySQL
Objective C
PHP
Python
VHDL/Verilog
XML

SOFTWARE

Autodesk
Inventor
Autodesk
Revit
MicroStation
Eclipse
Matlab
Visual
Studio
Quartus II