

MOHAMMAD DARAGHMEH

CITIZENSHIP: AMERICAN

* Leadership Role

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

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.

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).

Object Oriented Programming

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

Problem-Based Intro to CS

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

Contact

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📍 Daraghmeh

Education

Dec 2017

Rochester Institute of Technology

Bachelor of Science
Computer Engineering

2012

Academies @ Englewood

Highschool
Pre-Engineering

2012

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 [MusicShare](#).

Jan 2013
to
Aug 2016

Barakah Charity/Foodlink *

Event Coordinator/Web Master/
Volunteer

Sep 2013
to
Aug 2016

RIT Muslim Student Association *

Vice-President/Director of IT

Participated Hackathons *

RocHack 14, BrickHack 15/16,
HackNJIT 15, HackRPI 15

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