

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

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 SMSHuffle.

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

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