

# MOHAMMAD DARAGHMEH

CITIZENSHIP: AMERICAN

## Employment

### Intuit

Technical Product Manager Intern

San Diego, CA

May 2017 to Aug 2017

- Led cross-functional R&D teams consisting of engineers, designers, researchers, and legal contacts towards new projects focused on machine learning initiatives
- Identified deep customer needs through data analysis, empathy, research, and customer insights
- Developed innovative product solutions through iterative prototyping, user testing, and A/B testing

### IDI Billing Solutions

Software/Quality Assurance Engineer Intern

Rochester, NY

Jun 2015 to Dec 2015

- SE: Created a complete server interface dashboard (Hal0)
- QAE: Lead role for developing and implementing QA processes for multiple projects/ platforms primarily web services \*
- Self-educated on various languages (Powershell, C#, and more)
- Wrote/Executed/Maintained automation test script for CostGuard (Client/Server Based)

### Rochester Institute of Technology

Web Developer/Master/Social Media Analyst

Rochester, NY

Aug 2014 to Current

- Sole developer of front-end/back-end implementation for both RIT's Simone Center and RIT's F&A Project (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, a real-time XMPP communication hub for various smart meter devices
- Online implementation of PowerTalk (Play Framework/Scala/Java) \*
- Maintained 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 (Team/Development Coordinator) \*

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. Later was enhanced and published online as an independent learning project.

### 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).

### 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 model-view-controller (GUI/Engine) for the classic game Battleship.

\* Leadership Role

## Contact

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🌐 daraghmeh.me

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📍 Daraghmeh

## Education

Dec  
2017

### Rochester Institute of Technology

Bachelor of Science  
Computer Engineering | GPA: 3.54

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  
Present

### 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 15/16/17, 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

PyCharm

Keil

Matlab

MicroStation

PSpice

Quartus

Visual Studio