

MOHAMMAD DARAGHMEH

CITIZENSHIP: AMERICAN

Employment

IDI Billing Solutions

Software/Quality Assurance Engineer Intern

Rochester, NY
Jun '15 to Dec '15

- 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)

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.

Rochester Institute of Technology

Web Developer/Master

Rochester, NY
Aug '14 to Jun '15

- 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 position for 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 '14 to Jul '14

- 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, XMPP, 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

2010 New Jersey Institute of Technology

Continuing Professional Education
iOS Application Development

Activities

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](#)

Sep
2013 to
Current

RIT Muslim Student Association

Vice-President/Director of IT

Jan
2013 to
Current

Barakah Charity/Foodlink

Event Coordinator/Web
Master/Volunteer

Skills

HARDWARE	LANGUAGES	SOFTWARE
Altera Board HCS12	CSS	Autodesk Inventor
Digital Multimeter	HCS12 Assembly	Autodesk Revit
Function Generator	HTML5	MicroStation
Tektronix Oscilloscope	Java	Eclipse
	JavaScript	Matlab
	MySQL	Visual Studio
	Objective C	Quartus II
	PHP	
	Python	
	VHDL/Verilog	
	XML	