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

Education

Dec 2017	**Rochester Institute of Technology** Bachelor of Science Computer Engineering	GPA: 3.85

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 15/16/17, HackNJIT 15, HackRPI 15

Skills

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