Lynbrook, NY
U.S. Citizen

Tariq Ramlall

(347) 738-2161
tariq@SMunlisted.com

Employment

Software Developer **S. M. Unlisted (Self-Employed)** **June 2014 - Present**

- Built a mobile app with over 100 levels targeting Apple App Store and Google Play. (Website here.)
- Oversaw over 10 friends who actively contributed to app development.
- Created software that disables Windows 10's keyloggers and other trackers, for privacy concerns.
- Working on Amazon Alexa Skills for Echo, Amazon's voice based device.
- Creating software in the space of the Internet of Things, making households "smarter."

Data Scientist **University of Florida** **Summer 2013**

- Project: Quantum Phase Transitions in Low Dimensional Antiferromagnets.
- Spent a week at NHMFL gathering data. Data was analyzed for four weeks after.
- Wrote a research paper (will be posted here when it is published).
- Presented a 15 minute PowerPoint presentation on the topic to department members.

Physics Lab Researcher **St. John's University** **May 2012 – May 2013**

- Project: Ruthenium Oxide/Graphene Composites for Super Capacitor Electrodes.
- Prepared and analyzed samples in the lab.
- Every week improved preparation technique and experimental variables toward favorable results.
- Presented poster at American Physics Society conference. (Abstract here.)

Education

M.S. Mechanical Engineering **NYU: Polytechnic School of Engineering** **Jan 2015 – May 2016**

- Currently pursuing.
- Coursework: Thermodynamics of HVAC Systems, Fluid Dynamics of HVAC Systems, Solid Mechanics.

B.S. Physics/Math **St. John's University** **May 2010 - May 2014**

- Coursework: Biology, Chemistry, Organic Chemistry, Quantum Programming, Engineering Mechanics, Calculus, Statistics, Differential Equations, Quantum Mechanics, Electrical Systems.
- Major GPA: 3.88 Overall GPA: 3.79 Honors: Magna Cum Laude

Also taking online courses (via coursera.org). Current classes: Machine Learning, Software Security.

Skills

- Can use and install operating systems such as Windows, Mac, Linux.
- Command Line commands, piping, automating scripts, etc.
- Version control. (I personally use Git. My Github account is here.)
- Networking, server management.
- Mobile Application development. Website development.
- Cloud Technologies (Amazon Web Services, Microsoft Azure).
- AutoCAD, Blender, and other 3D diagram software. GIMP, Microsoft Paint.
- Relational databases (SQL).
- Object orientated programming.
- Machine Learning, algorithms.
- Languages: C++, C#, Java, Python, Lua. Octave, Matlab (Simulink), R, Objective-C.