

Raami Sharif

New York City | contact@raamisharif.com | [linkedin.com/in/raami-sharif](https://www.linkedin.com/in/raami-sharif)
| Web: raamisharif.com | github: [rshar1](https://github.com/rshar1)

EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems

New York, NY

Bachelor of Science (BS)

Expected June 2019

Major: Computer Science

Minors: Biology & Chemistry

Major GPA: 4.0 / 4.0

Overall GPA: 3.91 / 4.0

Udacity

Android Developer Nanodegree

Online

Expected November 2018

TECHNICAL SKILLS

Languages: Java, C++, Python, C, Swift, JavaScript, jQuery, HTML, CSS

Databases: MongoDB, SQL, Firebase

Tools: Git, Perforce, Bootstrap, IntelliJ Idea

Platforms: Android, Unix, Java EE

EXPERIENCE

Fidessa

Jersey City, NJ

Core Development Intern

June 2018 – August 2018

- Implemented, tested, and wrote documentation on changes made to the Nasdaq Management System (NMS)
- Worked in C++ to manage connections to the exchanges and improve capabilities of the systems connectivity
- Modified Tcl and bash scripts to resolve known issues and extensively tested all changes to ensure long term reliability in a real-time, event-driven system

Pace University Tutoring Center

New York, NY

Peer Tutor

Sept 2016 - Present

- Assist students (approximately 20-25 regulars per semester) in Computer Information Systems and Calculus
- Assist students learning programming in Python and web design with HTML, CSS, and JavaScript
- Developed and maintained the Python answer keys in order to assist the other tutors with their tutoring sessions
- In spare time, made additional online resources and review material for the students, improving the efficiency of tutoring sessions
- Led review sessions in Python and Web Design to reinforce student knowledge in preparation for finals

Kuwait Insurance Company

Kuwait City, Kuwait

Software Contractor

May 2017 – Aug 2017

- Designed, implemented, and tested all aspects of an Enterprise Risk Management Model (ERM) using Java and JavaFX
- Application serves to assist the risk management department in tracking risk mitigation throughout the company and reduce the time needed to prepare reports
- Used apache PDFBox to generate dynamic PDFs showing a heatmap of risks throughout all departments
- Designed and developed the server, and configured a MongoDB instance for the application
- Managed the connectivity between the front-end and the back-end, designing a system using a model-view-controller design
- Wrote bash scripts and documentation for the company's IT team, in order to ensure long term support and reliability of the product

Google

Online

CodeU Participant

Mar 2017 - May 2017

- Worked with two peers and a Google engineer to improve upon a chat application
- Conducted code reviews of each other's code and received code reviews from engineer
- Personally, responsible for adding the real-time pushing of messages as well as implementing the analytics using the Google Cloud natural language API
- Assisted in the design and implementation of the user interface using JavaFX

Metlico Insurance**Cairo, Egypt**

Software Contractor

Dec 2015 - Mar 2016

- Designed and Implemented Java GUI application with Swing to improve the security of the product and the efficiency of the sales team
- Used apache PDFBox to generate dynamic PDF files for clients. This further improved the efficiency of the sales team
- Added a self-delete protocol by which the application can delete itself in order to further improve security

Bayside Historical Society**Bayside, NY**

Software Intern

Sept 2014 - Jan 2015

- Redesigned website for the Bayside Historical Society using Bootstrap
- Used Firebase as a backend to provide the organization with an easy way to update their events page
- Led development of an online virtual tour of the facility by taking pictures of the grounds and using JavaScript and an HTML5 canvas to allow users to 'walk' and 'look' around the facility

PROJECTS

LIRR Track Scraper

Jun 2018 – Aug 2018

- Used python and BeautifulSoup to build a web scraper on my Raspberry pi to record the tracks of all LIRR trains leaving Penn station
- Improved my commute by allowing me to beat the rush when the track is announced
- Built maintenance tools, and web access to provide myself with a means to monitor the system as it collected the data for two months

Popular Movies App

July 2018

- Android app which uses The Movie DB API to get the most popular movies and display them in a Grid Layout
- Display additional information and movie trailers for the dynamically loaded movies in a separate activity

Applied CS with Android Projects

Dec 2017 – Jan 2018

- Implemented different tree traversing algorithms and explored how each of them compare for solving different types of problems
- Implemented the algorithm for 11 different android apps and completed their development. Served as a good introduction to android development and a reinforcement of my knowledge of algorithms

Gen Pass (For Pace Mobile App Contest)

Apr 2017

- Created an iOS application which assists the elderly in creating secure passwords that are also easy to remember
- Personally responsible for creating the algorithm by which the passwords are generated, and integration with the GUI

Online Game and Chat room with Firebase

May 2015 – Jun 2015

- A web application built with HTML and JavaScript which allows users to chat and invite other users to a game of tic tac toe or battleship
- Firebase as a backend allowed for real-time messaging between users

CERTIFICATIONS

Oracle Certified Professional, Java SE8 since June 2016

Oracle Certified Associate, Java SE8 since May 2015

Additional Information

Out of interest, I have completed several courses and projects on sites like Coursera, which were not listed here. Courses covered Algorithms, Machine Learning, Cryptography, Introduction to networking, Big data and Hadoop.