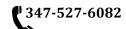
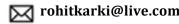
# Rohit Karki

New York, NY







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### **Skills**

**Framework: Tools: Languages:** Kivy Git Python **Prior Experience:** Unix C++MVC Py Charm **Prior Experience:** Android Sublime Text Javascript Bootstrap X Code HTML/Xml/ CSS **JQuery** Photoshop C AngularJS

# **Projects**

## **Duncan Trussell Family Hour Podcast on Android** (Ongoing)

- -Sole developer of the app, created using Kivy framework on Python for Android platform.
- -Displays the podcast episodes with relevant pictures and information, streams podcast audio from corresponding web link.
- -Notifies user when new episode is available with push notification.
- -Designed intuitive user interface and efficient audio player.
- -Source and Screenshots: https://github.com/rkarkicodes/DTFH-on-Android

#### Water Jug Puzzle Solver (March, 2015)

- -Worked in pair to develop an intelligent system that presents step by step solution to water jug puzzle.
- -Took responsibility to develop an efficient system design and came up with core algorithm.
- -Used kivy and python knowledge to build appealing graphical interface and intuitive user experience.
- -Winner of the "Solving puzzles with Machine" event organized by York College Department of Math and Computer Science as a part of Annual Math and CS week.
- -Source and Screenshots: https://github.com/rkarkicodes/Water-Jug-Puzzle-Solver

### Phonebook (Dec,2014)

- -Created a simple command line phone book incorporating principles of object oriented programming in C++
- Incorporated core Object Oriented principles like data encapsulation, inheritance, polymorphism and so on.
- -Incorporated add, search, delete and edit functionalities.
- -Used xml as database system.
- -Source and Screenshots: https://github.com/rkarkicodes/Phonebook

# **Education**

City University of New York: York College

Bachelors of Science in Computer Science 2016 - GPA: 3.34