Rohit Karki

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Skills

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