

Rohit Karki

New York, NY | U.S Citizen | Wiling to relocate
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Professional Summary

Analytical junior web developer possessing strong knowledge of Object-oriented programming and web practices. Quickly learns new languages and technologies. Projects may be viewed on GitHub.

Technical Skills

Languages: Python, JavaScript, C++, HTML/CSS

Frameworks: Django, Django REST, React, Angular, Redis, Celery, Kivy

Tools: Docker, Git, OSX

Work History

Full Stack Developer, 03/2017 to 09/2017

Monitorial.com, *Strata Labs* – Remote

Python, Django, Django REST, Angular, Celery, Redis, Linux

- Full stack developer working mainly with Django, Django REST, Angular, Celery/Redis, Linux, Docker etc.
- Implemented new features that spans both frontend/backend code.
- Implemented a flagship feature that analyses a domain for its SSL vulnerabilities, sorts them into different levels of severity and displays it to the user.
- Improved existing features

Full Stack Developer, Personal Project

Intelligent Water Jug Puzzle Solver

Python, Flask, ReactJS, Ajax, json

- Developed an intelligent system that presents step-by-step solution to water jug puzzle incorporating
- Artificial Intelligence concepts and RESTful architecture.
- Intuitive frontend interface written in ReactJS and backend architecture in Flask framework, python.
- Hosted in Heroku: <https://water-jug-puzzle-solver.herokuapp.com>
- Source: <https://github.com/rkarkicodes/intelligent-water-jug-problem-solver>

Computer Science Tutor, 09/2015 to 05/2016

CUNY York College – Jamaica, NY

Provided assistance and additional instruction to students on the topics and implementations for C++, C, Python, Algorithms, Data Structures and Computer Architecture.

Software Engineer, 05/2015 - 12/2015

Propagation of Influence in a Network, York College Summer Research Program

Python, Sqlite3, json, matplotlib

- Worked closely with mentor/professor to develop the metric/equation to formulate what entails as influence of each node in a network.
- Parsed crude dataset using regex and populated in database.
- Designed efficient database schema and algorithm that queries database to calculate “influence” of each node from retrieved data.
- Built a tool to run graphical and statistical analysis (probability density function, histogram etc.) from the database.
- Source: <https://github.com/rkarkicodes/Social-Influence>

Education

Bachelor of Science: Computer Science, 2016

CUNY York College – Jamaica, NY