Chapel Hill, NC   KIRUBANAND CHANDRASEKARAN(KIRU)   (919) 904 8240
                                          kiru@live.unc.edu
linkedin.com/in/kirubanandc   https://github.com/itzceekay

SKILLS & LANGUAGES:
Software development | Systems Analysis | Information Analytics | Dev-ops

Programming Languages : Java , Python   **Web Development :** HTML5 , JavaScript
Tools: R studio , Open shift , Git   **Databases:** MySQL, IBM DB2

EDUCATION :

MASTER OF SCIENCE IN INFORMATION SCIENCE   **AUGUST 2017 – PRESENT**
University of North Carolina , Chapel Hill, NC CGPA – N/A
Algorithms | Information Analytics | Systems Analysis

BACHELORS OF ENGINEERING IN COMPUTER SCIENCE   **AUGUST 2009 – MAY 2013**
Anna University , Chennai , India CGPA : 7.51/10.00

INTERNSHIP AND ACADEMIC EXPERIENCES :

Research Assistant , Digital Innovation Lab , UNC Chapel Hill   **AUGUST 2017 – PRESENT**
● Migrated existing **Drupal** websites to **Openshift** platform with web hook for continuous deployment.
● **Scrum-master** for current web-development projects.
● Developed sort modules for open-source WordPress plugin - Prospect
● **Educated faculties** to help them understand the basics of Carolina cloud application console and version management using **Git.**

Volunteer , IBM On Demand Community , Chennai , India   **NOVEMBER 2015 – JANUARY 2016**
● Developed **front end** of an **android application** for the NGO Eureka kids.
● Included material design elements like navigation drawers , swipe views , FAB.
● User guide (https://goo.gl/kKbwSE)

Research Intern , National advanced IPv6 centre , Universiti Sains Malaysia   **JANUARY 2013 – MARCH 2013**
● Developed a web based visualizer based using **JSP , Java script** and **MySQL**
● Fully integrated the module with existing framework of the "inetmon" parent visualizer,
● Visualizer identified higher bandwidth usage in a graph and origin of port scanning attacks in a map.

PROFESSIONAL EXPERIENCE :

Application Developer , IBM Global Business services – Chennai , India   **MARCH 2014 – JULY 2017**
Worked in a continuous deployment environment; resolve critical back-end problems to ensure zero downtime.
Availability after Configuration
● Optimized the application flow by **refactoring** dead **Java** code; Work in **agile** flow to complete assigned requirements.
● Decreased the time spent for regression testing the application by **70%** through **automation** of test cases using Selenium.
● Retrieved , processed and **visualized** application **usage metrics** for the clients usage.
● Led the end to end application support and co-ordinated with SME's from various geographies in resolving critical Priority-1 downtimes.

Associate R&D tester at Solarwinds - Chennai, India   **NOVEMBER 2013 - FEBRUARY 2014**
Gathered knowledge and identified testing scenarios in the wake of new requirements.
IP Address Monitor
● **Regression tested** everyday builds to provided updates to other members of team.
● Represented the testing team to work with the developers on the R&D of new requirements.
● Resolved usability issues for clients by going on call for support.

AWARDS AND RECOGNITION :
● Won the inaugural Carolina Data Challenge (2017) under the category " Best usage of outside data " for analysing given NYC crime data with NYC demographic data.
● Secured "Manager's Choice Award (2016)" given by IBM for ensuring continuous application support.