

Kirubanand Chandrasekaran

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EDUCATION	University of North Carolina , Chapel Hill, M. S. Information Science, Specialization: Software Engineering.	Aug 2017 – May 2019
	Anna University , Chennai, India B. E. Computer Science Engineering, CGPA: 7.51/10	Aug 2009 – May 2013
SKILLS	Languages: Python, Go Lang, Java Web : HTML5, JSP, Vannila.js, CMS - WordPress Tools & Frameworks: Git, Ansible, JIRA, R-studio, Open refine, Cloud Platforms: Gcloud, Red hat – OpenShift, IBM - Bluemix	
ACADEMIC EXPERIENCE	Research Associate, VAC Lab, UNC <ul style="list-style-type: none">Worked with Dr. David Gotz on an NSF-funded grant aimed at building statistical & visualization approaches to biomedical Big Data to enable precision medicine.Performed exploratory data analysis on fitness records of participating patients to help the team understand the data and visualized initial models using R.	Jan 2018 – May 2018
	Web development Assistant , Digital Innovation Lab, UNC <ul style="list-style-type: none">Migrated existing Drupal websites to OpenShift platform with web hook to enable continuous deployment from Gitlab.Developed modules for open-source WordPress plugin to help academic users.	Aug 2017 – Present
	Research Intern , Universiti Sains Malaysia <ul style="list-style-type: none">Worked at the National advanced IPv6 centre in a team of 4.Developed a web based visualizer based using JSP, JS and MySQL.Fully integrated the module with existing framework of the “inetmon” parent visualizer.	Jan 2013 – Mar 2013
WORK EXPERIENCE	Trimble , <i>Software Engineering Intern</i> , Minneapolis <ul style="list-style-type: none">Developed an internal tool with Golang backend and Classic ASP as frontend to restrict access to the Windows Active directory security group.RESTful API endpoints for various microservices written in Go to perform different actions in the application.Experimental implementation of isito service mesh for microservices on a K8 cluster in Google cloud.	Jun 2018 – Aug 2018
	IBM , <i>Application developer</i> , India <ul style="list-style-type: none">Worked in a Java back-end application on a continuous deployment environment(IBM-UCD).Optimized the application flow by refactoring dead Java code; Work in agile flow to complete assigned requirements.Retrieved, processed and visualized application usage metrics for the clients usage.	Mar 2014 – Jul 2017
SELECTED ACADEMIC PROJECTS	<ul style="list-style-type: none">Influenza – Correlation : Used Shiny to for an interactive plot in R to depict influenza spread also deployed the workspace in an AWS EC2 instance running R studio.Prospect : Open-source WordPress plugin developed by UNC for data visualization, added new modules for sorting the exhibits and added features based on classroom feature requests.Eureka kids (Skill tracker): Developed front end of an android application for the NGO Eureka kids representing IBM , Used material design elements (navigation drawers, swipe views, FAB.	