

SHREY SANGHAVI

919-737-5325 • [linkedin.com/in/shreysanghavi](https://www.linkedin.com/in/shreysanghavi) • github.com/sasanghavi • ssangha@ncsu.edu

EDUCATION

Master of Science – Computer Science North Carolina State University, Raleigh, NC	May 2017 GPA 3.87 / 4.0
Bachelor of Technology – Information and Communication Technology Dhirubhai Ambani Institute of Information and Communication Technology, India	May 2015 GPA 3.25 / 4.0

PROFESSIONAL EXPERIENCE

IBM – Raleigh, NC <i>Web Developer Co-op</i> <ul style="list-style-type: none">• IBM Sales Compass is an internal tool used by Sales managers to optimally allocate and manage their territories.• Working on making the application interactive using JavaScript and HTML, by implementing an admin module.• Developing RESTful APIs for the services used within the application using NodeJS.	Jan 2017 – Present
IBM – Durham, NC <i>Android Software Engineering Intern and Co-op</i> <ul style="list-style-type: none">• IBM Connections Mobile is an Agile team creating a social, collaborative platform for Enterprises.• Performed Manual and Automated Functional/Verification testing on the Connections Mobile android application.• Created Behavior Driven Development tasks and participated in Continuous Delivery Continuous Integration.	May 2016 – Dec 2016

ACADEMIC PROJECTS

DevOps Pipeline <ul style="list-style-type: none">• Automatically provisioned and configured web servers on AWS EC2 using scripts.• Configured Jenkins and added post build git hooks to build a repo, and notify in cases of build failures.• Set up testing and analysis components to ensure the correctness of commits and monitored using NewRelic.• Implemented DDoS Sentry – a slack bot concept to minimize the impact of a DDoS attack on a website.	Fall 2016
DockerRockr <ul style="list-style-type: none">• Built a Slack chat bot which helps users with minimal Docker background to deploy their local web app to an AWS instance and Docker-ize it.• Used ChatOps principles, added support for Continuous Integration with Github repository using REST APIs• Built the bot using NodeJS, Redis as the Database, and Selenium for testing.	Fall 2016
Unagi <ul style="list-style-type: none">• Developed a for-emergency Android app which sends real time messages with information related to safety, nearby landmarks and weather, to emergency contacts based on the phone's sensor data and context.• Built using Google's Contextual Awareness API and messaging services for Android.	HackNC'16
Muse, don't Abuse <ul style="list-style-type: none">• Implemented a SVM based n-gram model to classify insulting comments on social media posts.• Implemented the project using Python, SciKit and Stanford NLTK library.	Spring 2016
Citizen Science – Sharks <ul style="list-style-type: none">• Applied UI/UX principles to revamp and improve the usability of a web browser-based treasure hunt game designed for middle school students.• Improved the interactions and user experience using Python, HTML5/CSS, JavaScript and Bootstrap.	Spring 2016
Yelp to Your Help! <ul style="list-style-type: none">• Performed Topic Modeling by implementing LDA algorithm on a large Yelp Dataset to provide business insights to restaurant owners about hidden topics in user reviews.• Formulated a new rating system for restaurants by a cognitive use of user's social network data.• Implemented the project using Python gensim library and MongoDB.	Fall 2015

TECHNICAL SKILLS & RELEVANT COURSES

Languages:	Java, Python, Android (Java), JavaScript, HTML, CSS
Frameworks:	Google Espresso, NodeJS
Databases:	MySQL, Cloudant NoSQL database
Tools:	GitHub, ZenHub, Eclipse, Android Studio, Jenkins, Docker
Courses:	Software Engineering, Database Management Systems, Machine Learning, User Experience, DevOps

EXTRA-CURRICULARS

- Participated in Major League Hacking and other local hackathons.
- Member of the NC State University Badminton team.