

RONAK PATEL

2820 Avent Ferry Road, #304
Raleigh, NC 27606
GitHub: <https://github.com/rpatel17>

Phone: (203) 305-0709
Email: rpatel17@ncsu.edu
LinkedIn: in.linkedin.com/in/rpatel17

EDUCATION

North Carolina State University	3.834/4.00
Raleigh, North Carolina, USA	
Master of Science in Computer Science	anticipated May 2017
Dhirubhai Ambani Institute of Information and Communication Technology	First Class graduate 7.82/10.00
Gandhinagar, Gujarat, India	
Bachelor of Technology in Information and Communication Technology	May 2015

RELEVANT COURSEWORK

Design and Analysis of Algorithms, Database Management Systems, Automated Learning and Data Analysis, Machine Learning, Data Driven Decision Making, Data Structures, Cryptography, Computer Networks

TECHNICAL SKILLS

Languages	Python, SQL, Java, Ruby, R
Databases	Oracle 10g, MongoDB, SQL Server, MySQL, PostgreSQL
Tools and Technologies	Spark, Hadoop, IBM Content Analytics Studio, Rails, SQLDeveloper, GitHub, LaTeX, R Studio, NetBeans, Eclipse, Wireshark

INTERNSHIPS

Technical Partner Marketing Intern – OpenShift, Red Hat, Inc. **May 2016 – till date**

- I am responsible for enablement of partners (ISVs, SIs, Providers) with our Enterprise and Online versions of OpenShift - our world-class Platform as a Service (PaaS) solution. I spend a lot of time evangelizing Red Hat's next generation Cloud Management solution: OpenShift (PaaS) via initiatives like OpenShift Primed. I built partner-facing webpages: <https://hub.openshift.com/primed> using Ruby on Rails to ensure that Partner profiles are up and running on the Red Hat Hub.

TECHNICAL EXPERIENCE

Yelp up your Restaurant **Oct. 2015 – Dec. 2015**

- Performed analysis on the Yelp restaurant reviews to find out interesting insights. The goal was to point out demand and trends of customers from a large amount of reviews, with high dimensionality. Used Latent Dirichlet Allocation (LDA) algorithm. Implemented using Python and MongoDB.
- Analyzed the social network of Yelp users(votes considering the usefulness of a particular review, the number of fans, etcetera.) and the effects it has on its ratings, visits, etc.

Database Application Project – University Library **Sep. 2015 - Nov. 2015**

- Designed an ER model and identified various integrity constraints based upon the Project Description.
- Implemented the ER model and the constraints using SQL Developer and Oracle 11g(Procedures and Queries) and developed a User Interface(basic simple UI using JAVA) for the same.

Co-Author, Paper-"CheckPDF: Check What is Inside Before Signing a PDF Document" **July 2014 - April 2015**

- Published in Springer proceedings of International Conference on Signal, Networks, Computing, and Systems 2016.
- Illustrated how a fraudulent document can be signed by a legitimate signer with different versions of PDF Reader without his/her knowledge and provided a simple countermeasure by which anyone can detect the presence of any objects in the PDF while opening the file with a PDF Reader.

LEADERSHIP EXPERIENCE AND ACHIEVEMENTS

- Secretary, Computer Science Graduate Council (NCSU, 2015-2016)
- Vrajbhoomi Scholarship (First in Science in School in AISSE - 2009)