

Kumar Siddhant

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EDUCATION

RUTGERS UNIVERSITY

MS IN ELECTRICAL AND COMPUTER
ENGINEERING

Expected May 2019 | New Brunswick,
NJ

Cum. GPA: 3.67 / 4.0

NIT ROURKELA

B.TECH IN ELECTRICAL ENGINEERING

2010 - 2014 | Rourkela, India

Cum. GPA: 8.48 / 10.0

LINKS

Github:// [Sid231](#)

LinkedIn:// [ksiddhant92](#)

Twitter:// [@Sid_0231](#)

Blogs:// [ksiddhant92](#)

Youtube:// [ksiddhant92](#)

COURSEWORK

Massive Data Storage and Retrieval
(Ongoing)

Special Problems: Distributed Computing
(Ongoing)

Parallel and Distributed Computing- Audit
(Ongoing)

Cloud Computing- Audit (Ongoing)

Deep Learning

Data Structure and Algorithms

Computer Intervention in Medicine

Computer Architecture I

Programming Finance

CERTIFICATIONS

UDACITY

Deep Learning

COURSERA

Machine Learning (Ongoing)

SKILLS

PROGRAMMING

Python • Java • Matlab

• \LaTeX • C •

WEB DEVELOPMENT

HTML • CSS • JavaScript

• jQuery

FAMILIAR:

• Android • MySQL

EXPERIENCE

VERIZON DATA SERVICES INDIA | SOFTWARE DEVELOPER

August 2014 – August 2017 | Hyderabad, India

- Full-stack development of MyVerizon application and bug fix.
- Established as the SME for Products and Apps module.

PROJECTS AND RESEARCH WORK

RADICAL PILOT | RUTGERS UNIVERSITY

Sept 2018 – Present | Piscataway, NJ

- Research and Analysis of various scheduling algorithms.
- Implementation of a scheduling algorithm on Radical-Pilot.

CROWD IMAGES ANNOTATION AND ANALYSIS USING CASCADED CNNs | RUTGERS UNIVERSITY

June 2018 – August 2018 | Piscataway, NJ

- Annotation of approximately 4k Crowd images using MTurk.
- Training the Cascaded CNN for Crowd Counting and Density Estimation.

FACE RECOGNITION | RUTGERS UNIVERSITY

March 2018 – May 2018 | Piscataway, NJ

- Implementation of face recognition algorithm using AlexNet and VGG16 by training them from LFW dataset.
- Implementation of face recognition algorithm using PCA, LDA, SVM SRC on YaleB dataset.

THORACIC DISEASE PREDICTION USING CHEST X RAY IMAGES | RUTGERS UNIVERSITY

April 2018 – May 2018 | Piscataway, NJ

- Development of a Convolutional Neural Network (CNN) to classify the thoracic diseases from the chest X-ray images from the NIH database.

LOCATION PREDICTION USING COLLABORATED NETWORK IN SMARTPHONES | RUTGERS UNIVERSITY

Sept 2017 – Dec 2017 | Piscataway, NJ

- Development of a context feature collection application in Android to obtain data on smartphones.
- Application of the concept of collaborative filtering to predict the context of the user.

AWARDS

Apr 2017	Certificate of Recognition	Verizon Wireless
Apr 2017	Team Award	Verizon Wireless
Dec 2016	Special Recognition Award	Verizon Wireless
Dec 2016	Spotlight award	Verizon Wireless
Aug 2016	Spotlight award	Verizon Wireless

SOCIETIES

2018	Vice President	Rutgers Indian Group Student Association
2018	Student Representative	NIT Rourkela Overseas Alumni Association Board
2014	Board Member	Cyborg - Robotics club of NIT Rourkela