

# RAGHAVA DHANYA

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## EXPERIENCE

**Trainee Decision Scientist**, *Innovation & Development, Mu Sigma Labs*, Bengaluru [July 2018 - Present]

- Currently working on High velocity trading with Statistical arbitrage techniques
- Complete ownership of an internal analytical automation tool based on BPMN – [Spot Award]
- R&D work on developing an analytical application on Cloud(GCP, AWS, Azure) – [Spot Award]
- Developed a model for identifying customers who are likely to churn out of telecom operator using R.
- Built an application to scrape and classify the Reddit comments on any given subreddit based on specific Mu Sigma usecase, using python and Scikit-learn.

**Technology Developer**, *notNULL*, Bengaluru [February 2016 - July 2016]

- Worked on developing a verification technology for events.

**Software Development Intern**, *Supertext*, Bengaluru [August 2016 - December 2016]

- Developed an android app for company communication with vendors using parse and firebase as backend.

## EDUCATION

**Bachelor of Engineering**, Computer Science and Engineering [2014-2018]

Aggregate: 75.92%

Electives: **'Pattern Recognition', 'Artificial Intelligence', 'Clouds,Grids and Clusters'.**

*Sir M. Visvesvaraya Institute of Technology*, Bengaluru

**Machine Learning** by Stanford University on Coursera. [March 2017 - July 2017]

Certificate earned on July 21, 2017

**Neural Networks and Deep Learning** by Deeplearning.ai on Coursera. [February 2018 - March 2018]

Certificate earned on March 4, 2018

## SKILLS

**Programming languages:** C/C++, Python, Java, R, Shell , HTML & CSS, JS.

**Frameworks:** Flask, Spring Boot, Keras, Tensorflow.

**Technologies:** Amazon Web Services, Continuous Integration/Delivery , Docker, Kubernetes.

## PROJECTS

**Image Regeneration with Generative Models** | *Keras, Tensorflow, python.* [March 2018 - May 2018]

An approach to use newly introduced CapsNet as a discriminator in Generative Adversarial Network and demonstrate its application using semantic inpainting on MNIST and face images.

**ReMorse** | *C++, OpenGL, Box2D* [April 2017]

A 2D side scrolling game which tries to subconsciously teach Morse Code.

**Tonite** | *Android, Java.* [April 2016]

Wardrobe assistant app to keep track of the clothes and gives purchase suggestions based on events in user's calendar.

Built at Hackerramp 2016 (16th and 17th April ), Myntra office Bangalore.

**FileHide** | *Python, Tkinter.* [May 2016]

A cross platform app which hides one file in another, the host will still work normally.

## ACTIVITIES AND INTERESTS

- Won two "Spot Award" within 6 months for my work in Mu Sigma Labs
- Won First prize in annual departmental project exhibition 2018 for the project "Image Regeneration with Generative Models" out of 40+ teams.
- Twice second placed in coding and debugging competitions conducted during college fests.
- Presented technical seminar on "Quantum Machine Learning"
- Active participant in Competitive coding, Hackathons and Conferences. [Codechef profile]
- Presented a technical paper on "Process Scheduling optimization in OS using Machine Learning" at Papyrus 8 (Intra-college event)
- Volunteered for android app development for college fest Kalanjali-2015.