Raghava Dhanya

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Experience

Data Scientist, *Bright Money*, Bengaluru [*September 2019 - Present*]

- Developed and deployed scalable ML components for Bright's Smart Banking Platform in Django.
- Developed models to forecast cashflows of an user (income, expenses).
- Designed and developed monetization platform for auto billing and charging users affecting 1000s of users daily.
- Developed ensemble models to infer missing data in user account data.
- Developed a model to categorize transactions.

Trainee Decision Scientist, *Innovation & Development, Mu Sigma Labs*, Bengaluru [*July 2018 - September 2019*]

- Designed and built scalable data pipelines(streaming) and models for High velocity trading platform.
- Complete ownership of an internal analytical automation tool based on BPMN(3000+ users) – [*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.

Software Development Intern, *Supertext.ai*, Bengaluru [*August 2015 - December 2015*]

- 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*]

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

Skills

Programming languages: C/C++, Python, Java, R, Shell.
Frameworks: Django, Flask, Spring Boot, Keras, Tensorflow.
Technologies: Amazon Web Services, Continuous Integration/Delivery, Docker, Kubernetes, Kafka.

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.

Activities and Achievements

- 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.