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Rinu Boney

Interests

Deep learning; semi-supervised learning; natural language understanding; neural language models; recurrent neural networks; sequence generation

Education

2012–2016 **BTech, Computer Science and Engineering**, *College of Engineering, Munnar*.
Cochin University of Science and Technology

GPA: 8.468/10.0

Experience

summer 2014 **Intern**, *Profoundis Labs Pvt. Ltd.*, Kochi, India.
Worked on and successfully completed various Natural Language Processing and Machine Learning projects including topic modelling on tweets, industry and job hierarchy level prediction from ambiguous job designations and email address mining.

Projects

2015–Present **Muse - A Connectionist Model Approach to Natural Language Generation**.
Muse is a text generation system using state-of-the-art techniques in recurrent neural network based language models.

2014–Present **Clatern - A Machine Learning library for Clojure**.
A machine learning library for Clojure programming language based on core.matrix(multi-dimensional array programming API for Clojure). It is hosted on gihub - https://github.com/rinuboney/clatern.

2014 **Discovering a Users' Topics of Interest from Tweets**.
A system to extract the topics of interests of an active twitter user from tweets. An accurate system was developed using DBpedia Spotlight and various NLP techniques.

More project details are available on my website - http://rinuboney.github.io/projects

Technical Skills

- Languages - Python, Clojure, C, C++, Javascript/HTML/CSS, Lua, MATLAB/GNU Octave, Julia, LaTeX
- Torch7 and related libraries
- NumPy, TensorFlow, Theano, Keras, scikit-learn, NLTK and a wide range of other scientific computing, image processing and natural language processing libraries in Python
- Clojure numerical computing ecosystem - Incanter, core.matrix
- Expertise in web development - design, development, deployement and maintenance. Both client side and server side.