Yash Kumar Lal

Contact

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Education

Aug '18 - May '20	MSE in Computer Science, **Johns Hopkins University** Advisor - **Philipp Koehn** CGPA: 4.0/4.0
Aug '14 - May '18	B.Tech. in Computer Science and Engineering, **MIT Manipal** Minor - Intelligent Systems

Work Experience

Aug 2018 -

Head Teaching Assistant
OOSE and Gateway Computing, Johns Hopkins University
Mentoring students on their projects, carrying out tutorials, labs and grading.

Jan-June 2018

NLP Intern
ThreatLandscape Cyber Solutions
Built various natural language processing and deep learning modules for the domain of cybersecurity.

May-July 2017

Research Student
Language Technologies Research Centre, IIIT-Hyderabad
Worked on a project to generate neural embeddings for polysemous words. Came up with an iterative concordance-based approach to extend Word2Vec for the same.

May-July 2016

Summer Intern, Capital Assist
Snapdeal India
Conducted credit analysis and risk evaluations for sellers on Snapdeal's online platform. Calculated probability of loan default and possible CIBIL scores according to RBI guidelines.

Feb-June 2016

Lead iOS Developer - Remote
Gashuku TV, MI, USA
Developed the beta iOS app for the video content sharing and broadcasting service catering to small sports organisations.

Publications

De-Mixing Sentiment from Code-Mixed Text. In Proceedings of the 57th ACL Annual Meeting of the Association for Computational Linguistics, Student Research Workshop, 2019.

Johns Hopkins University Submission for WMT News Translation Task. In Proceedings of the Third Conference on Machine Translation (WMT), 2019.

Identifying Clickbait: A Multi-Strategy Approach Using Neural Networks Engine. In Proceedings of the 41st International ACM SIGIR Conference on Research and Development in Information Retrieval, 2018. Pages: 1225-1228

SWDE : A Sub-Word And Document Embedding Based Engine for Clickbait Detection. In Proceedings of SIGIR 2018 Workshop on Computational Surprise in Information Retrieval, Ann Arbor, MI, USA, July 8-12 (CompS'18, SIGIR)

PROJECTS

SEP-NOV 2018	**Sentence-Level Adaptation for Low-Resource Languages** Adapting over a customised subset of similar training sentences for each test sentence on Xhosa-English dataset. (Currently under review at ACL 2019)
AUG-NOV 2017	**Ping** Ping is a smart platform for language independent communication between users, businesses and their customers. It uses artificial intelligence to get all your messages to you, in the language you prefer. https://pingchat.in
APR-JUNE 2017	**Extreme Source Code Summarization** Explore addition of addition mechanism to existing deep learning techniques to create summaries of large codebases. Implementation of https://arxiv.org/abs/1602.03001
OCTOBER 2016	**hello friend** SMS service utilising natural language processing to bring essential smartphone features to simple feature phones. http://hello-frrriend.herokuapp.com
OCTOBER 2015	**Echo** iOS app to let you listen to music with your friends simultaneously built under the theme of social music. https://github.com/darkarmyIN/Echo

ACHIEVEMENTS

- **Winner** - **Acceleprise** Award, San Francisco, AngelHack Global Demo Day '17
- **Winner** - AngelHack Hyderabad 2017, winner of **AWS** prize. One of 16 teams from around the world invited to Global Demo Day, Silicon Valley Week, San Francisco 2017
- Adjudged to be in **Top 10 in India** - **Microsoft** code.fun.do National Showcase 2017
- **3rd place**, **Microsoft** code.fun.do Hackathon, Manipal 2016

CO-CURRICULAR ACTIVITIES & SERVICE

- Reviewer, European Conference on Information Retrieval, 2019
- Founder - MUPy, Manipal's Python developers conference, in association with Python Software Foundation
- Category Head, App Development, MIT Manipal's annual technical & cultural fests