

Nickil Maveli

Last updated on May 15, 2021

10 Crichton Street, Newington
Edinburgh EH8 9AB, United Kingdom
✉ n.maveli@sms.ed.ac.uk
🏡 <https://nickilmaveli.com>

Education

2020 – 2021 **M.Sc. by Research, Informatics**, The University of Edinburgh, Scotland, United Kingdom.

Research Unit: Institute for Language, Cognition and Computation (ILCC)

Research Area: Unsupervised Parsing, Knowledge Graph Completion

Advisor: Prof. Shay Cohen

2011 – 2015 **B.E. in Electronics and Communication**, CMR Institute of Technology, Bangalore, India.

GPA – 7.58/10

Work Experience

May 2018 – Sept. 2020 **Senior Software Developer - NLP**, Niki.ai, Bangalore, India.

Parse Classification, FAQ Bot, Code Mixing, Discovery Platform, Real-Time Pause Detection

Sept. 2016 – Feb. 2018 **Data Scientist - Research and Development**, Sociograph Solutions, Bangalore, India.

Time-Series Forecasting, Churn Prediction, Opportunity Analysis, Image Recommendation Engine

Feb. 2016 – May 2016 **Junior Data Scientist**, Hotify.ai, Bangalore, India.

Trending Hashtags Estimation, Tweet Pattern Tracker

Selected Publications

WNUT@EMNLP 2020 EdinburghNLP at WNUT-2020 Task 2: Leveraging Transformers with Generalized Augmentation for Identifying Informativeness in COVID-19 Tweets [PDF]

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Proceedings of the 2020 EMNLP Workshop W-NUT

Technical Skills

Specialties Natural Language Processing, Machine Learning, Deep Learning, Reinforcement Learning, Recommender Systems, Time-series Forecasting

Languages Python, R, Matlab, Javascript, SQL, HTML/CSS, L^AT_EX

Tools and Frameworks Pandas, NumPy, SciPy, Matplotlib, Scikit-Learn, NLTK, Keras, PyTorch, TensorFlow, PySpark, Flask, Django, Docker, Kubernetes, AWS, Jira, Git, Elastic Stack, MongoDB

Key Achievements

2020 Secured Top 2% in the Jigsaw Multilingual Toxic Comment Classification Challenge hosted on Kaggle; Won a silver medal. [Details]

2019 Finished 2nd out of 479 competitors in the Quality Forecasting in Cement Manufacturing Challenge hosted on CrowdAnalytix; Won \$2,500 as prize money; Winner representing India. [Details]

2019 Secured Top 3% in the Quora Insincere Questions Classification Challenge hosted on Kaggle; Won a silver medal. [Details]

2018 Finished 2nd out of 750 competitors in the Predicting How Points End in Tennis Challenge hosted on CrowdAnalytix; Won \$2500 as prize money; Featured in Tennis Australia's official press release. [Details] [Media Coverage]

2017 Placed 3rd out of 2975 competitors in the Click Prediction Challenge hosted on AnalyticsVidhya; Awarded a cash prize of ₹25000. [Details]

2016 – present Among Top Stack Overflow Users for tags — Python, Pandas, NumPy, Matplotlib with an overall 25000+ reputation score and more than 4 million post views worldwide. [Details]

Academic Services

Reviewer

2021 AmericasNLP

2020 W-NUT@EMNLP (Shared Task 2), Scipy (Tutorials, Talk & Poster Presentations)

Volunteer

2021 NAACL, ICLR, EACL (Social events)

2020 EMNLP (Lead Zoom)