Nickil Maveli

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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

Internships

May 2021 – Aug. 2021   **Student Developer**, Google Summer of Code (GSoC), Remote.
Co-speech gestures, Identify joint meaning construal patterns

Selected Publications

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

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) |