Ramnath Kumar

(+91) 900-454-8446 ⋄ ramnathkumar181@gmail.com

EDUCATION

BITS Pilani, Hyderabad Campus — Hyderabad, India
Masters of Science in Economics — *Jul 2016 – Present*

. Topic: Machine Learning in P2P Lending
. Research Supervisor: Prof. Hussain Yaganti

BITS Pilani, Hyderabad Campus — Hyderabad, India
Bachelor of Engineering in Computer Science — *Jul 2016 – Present*

. Achieved overall distinction in Computer Science courses
. Topic: Temporal Dynamics and Spatial Content in IoT malware detection
. Research Supervisor: Prof. Geethakumari

RESEARCH/WORK EXPERIENCE

Livia, École de technologie supérieure — Montreal, Canada
Research Intern — *Dec 2020 – Present*

. Research Supervisor: Prof. Samira E. Kahou

Qubole — Bangalore, India
Engineer Intern — *Jul 2020 – Dec 2020*

. Worked on automating the rollout process (*Frost 2.0*) for the company
. Built a package for monitoring jobs on jenkins, and notify the user on slack upon completion
. Wrote and managed a pipeline which analyses various internal tests, and generates ad statistics and communicated results with the core-qa team

CoCo Lab, Université de Montréal — Montreal, Canada
Research Intern — *Jun 2020 – Nov 2020*

. Research Supervisor: Prof. Karim Jerbi
. Topic: Brain based subject identification using EEG data

Kno.e.sis, Wright State University — Dayton, USA
Research Intern — *Dec 2018 – Jan 2020*

. Research Supervisor: Prof. Amit P. Sheth and Prof. T.K. Prasad
. Topic: eDarkFind: Unsupervised Multi-View Learning for Sybil account detection
. Worked on object detection models for disaster management
. Built an image segmentation model to aide prediction of nutritional data of food

Infibeam — Ahmedabad, India
Engineer Intern — *May 2018 – July 2018*

. Developed a dynamic portal for UAE to provide various services such as renew visa, employment letter, etc
. Created API endpoints for the project, to aide easy app deployment

SELECTED AWARDS/ACHIEVEMENTS

Invitee, Google AI Summer school, India — 2020

Travel Grant, The Web Conference, Taipei (Acceptance Rate: 19%) — 2020

Awardee, Innovation in Science Pursuit for Inspired Research (INSPIRE) (Acceptance Rate: 1%) (Declined) — 2016

Awardee, National talent search Examination (Acceptance Rate: 0.5%) — 2014

National Olympiad, SOF National Science Olympiad Qualifier (2015), SOF International Math Olympiad Qualifier (2015)

PUBLICATIONS

[1] Ramnath Kumar, Shweta Yadav, Raminta Daniulaityte, Francois Lamy, Krishnaprasad Thirunarayan, Usha Lokala, and Amit Sheth. "eDarkFind: Unsupervised Multi-view Learning for Sybil Account Detection". In: *Proceedings of The Web Conference 2020*. 2020, pp. 1955–1965.

[2] Ramnath Kumar and G Geethakumari. "Temporal Dynamics and Spatial Content in IoT Malware detection". In: *TENCON 2019-2019 IEEE Region 10 Conference (TENCON)*. IEEE. 2019, pp. 1590–1595.

LANGUAGES

English (Native/Fluent), Hindi (Experienced), Tamil (Experienced), Japanese (Beginner)