ANISH M M

Student of Computer Science & Engineering

@ anishmm1997@gmail.com   📍 Kochi, India   in www.linkedin.com/in/anish-mm   🅱 https://bitbucket.org/anish-mm

EDUCATION

Master of Technology (Ongoing)
Indian Institute of Technology Bombay

📅 August 2020 – present

Bachelor of Technology (CSE)
Indian Institute of Technology Palakkad

📅 August 2015 – July 2019   CGPA 9.41/10

Class XII (CBSE), PCM with Computer Science
S.B.O.A Public (Sr. Sec.) School, Ernakulam, Kerala

📅 2013 – 2015   97% (PCM 97.3%)

Class X (CBSE)
S.B.O.A Public (Sr. Sec.) School, Ernakulam, Kerala

📅 2011 – 2013   CGPA 10/10

PUBLICATIONS

Anish Mathew, Deepak P, Sahely Bhadra, Naran Pindoriya, Aristides Kiprakis, S N Singh. **Time Series Representation Learning Applications for Power Analytics**. In *20th International Conference on Intelligent Systems Applications to Power Systems (ISAP 2019)*

Anish Mathew, Deepak P, Sahely Bhadra

Warping Resilient Time Series Embeddings (Workshop paper)

Proceedings of the Time Series Workshop at ICML 2019
https://arxiv.org/abs/1906.05205

ACADEMIC EXPERIENCE

Conference Attendee
ACM India Joint International Conference on Data Science and Management of Data (CoDS-COMAD 2019)

📅 3rd – 5th January 2019   📍 Kolkata, West Bengal

- Secured Student Travel Grant to attend the conference.

Resource Person
Training of Trainers of AI and ML, Department of Higher Education, Goverment of Kerala

📅 25th September 2018   📍 Palakkad, Kerala

- Introduced the theory of SVMs to the attendees.
- Demonstrated the usage of different kernels with SVMs.
- Conducted hands-on session on using SVMs for classification.

Summer Intern
Center for Data Science and Scalable Computing, Queen's University Belfast

📅 June – July 2018   📍 Belfast, Northern Ireland

- Explored the effect of weighing down the fluctuations during peak time on the clustering of smart meter energy consumption data using a combination of Canberra Distance and DTW.

- Secured partial funding from the UK India Education and Research Initiative (UKIERI).

Summer Intern
Zyxware Technologies

📅 May – June 2017   📍 Kochi, Kerala

- Analyzed and authored an article on the workflow of Drupal 8 (an open-source CMS).
- Provided bug patches and ported features for existing modules.

OTHER EXPERIENCE

Certified Freelance Translator (Malayalam & English)
One Hour Translation (LLC)

📅 February 2018 – present

RELEVANT COURSES

At IIT Bombay (Ongoing)

- CS725 Foundations of Machine Learning
- CS626 Speech and Natural Language Processing and the Web
- CS767 Theoretical Machine Learning
- CS768 Learning with Graphs
- CS699 Software Lab

At IIT Palakkad

- Topics in ML
- Principles of ML
- Artificial Intelligence
- Introduction to Information Theory and Coding
- Game Theory
- Convex Optimizations
- Probability, Statistics and Stochastic Processes
- Data Structures and Algorithms

SELECTED PROJECTS

Unsupervised Lower Dimensional Representation Learning for Time Series Data

- Designed a novel autoencoder-based architecture to generate lower dimensional vector embeddings for time series such that they exhibit resilience to warping in local neighborhoods.

Messenger Application for Student-Teacher Interaction (Team Project)

- Provided APIs to log actions, automatically extract error locations, a Diagnostics API to locate errors in production version and a Telemetry module and API to gather user info.

SKILLS

Python, Keras, C, C#, SQL, Latex ●●●●
Haskell, CVXPY, TensorFlow, Git ●●●○
Prolog, R, PHP, JS, HTML, Java ●●○○