

ANAND KRISHNAMOORTHY

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<https://anandkrishnamoorthy1.github.io/>

EDUCATION

Harvard Extension School, Cambridge, MA , GPA: 4.0

Jun 2020 – Aug 2020

- Courses: Introduction to Deep Learning

Northeastern University, Khoury College of Computer Science, Boston, MA

Sept 2019 – present

Candidate for a Master of Science in Data Science, GPA: 3.7

Expected Graduation: Aug 2021

- Courses: Linear algebra and probability, Algorithms, Natural Language Processing, Supervised Machine Learning

Amrita School of Engineering, Kollam, India

Aug 2011 - June 2015

- Bachelor of Science in Engineering
- Courses: Computer Programming, Computer Programming Lab

TECHNICAL KNOWLEDGE

Programming Language: Python, PyTorch, Keras, Big Data, SQL

Tools: Python, PyTorch, SQL, ETL (Informatica), Big Data, Excel and Tableau

Databases: MySQL, Oracle 11g (SQL, PL/SQL)

Certifications: Applied Data Science with Python Specialization (University of Michigan),
Deep Learning Specialization (by Andrew Ng)

EXPERIENCE

Teaching Assistant

Apr 2020 – Jun 2020

- Hold office hours with students to review materials, clarify doubts and pending questions, and aid on assignments.

Yes Bank hackathon (Data Scientist)

Oct 2018 - Dec 2018

- Won third place (of the original 6000+ participants) for developing the Ticket Automator Solution (TAS) in the YesBank global datathon. Received citations of the Ticket Automator Solution (TAS) in a few tech-blogs.
- Delivered Proof of Concept for automation of customer logs. Proposed the model that classifies customer logs into different buckets, highlights the key phrases and assigns priority for the customer logs.

Tata Consultancy Services, Business Intelligence Centre of Excellence (Data Scientist)

Mar 2016 - Jul 2019

- Developed a ML and NLP based solution for classifying and suggesting probable resolution steps for service tickets, which can drastically reduce manual effort.
- Brainstorm and suggest innovative ML based use-cases for business.
- Worked in Analytics framework solution, a Machine Learning development environment used for swift development of Machine Learning models.
- Built a software IDEA, having modules for classifying blocks into different domains, extracting tables, summarizing text and parsing dependencies on PDF files.
- Developed POC and organized presentations of Log Analytics solution for CITI customers using Python, HDFS, and HIVE that helps in automation of Log files.
- Built Smart Mapper, a SQL solution, which reduced the manual effort of the Data Modelers by 10%.
- Understand Customer requirements and develop ETL mappings and dashboards for Data Warehousing projects.

Indian Space Research Organization - ISRO (Research Intern)

Feb 2015 - May 2015

- Conducted a research project on Heat Transfer through Multi Material Domain. Selected for an international conference in Japan for a paper presentation on the research conducted at Indian Space Research Organization.

HONORS

- Vice-president of the Data Science Hub at Northeastern.
- Conducted training sessions for TCS associates in Machine Learning and Natural Language Processing with Python.