

## ANAND KRISHNAMOORTHY

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<https://github.com/AnandKrishnamoorthy1/>

### EDUCATION

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**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

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**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

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**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

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