

Ananth Shreekumar

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🎓 EDUCATION

Integrated Master of Technology - Computer Science Engineering

AUGUST 2016 - PRESENT

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY - BANGALORE (IIIT-B)

7th Semester Student, Current Cumulative GPA : 3.88 / 4.0

🔗 TRANSCRIPT

Sem 1 : 3.93 / 4.0 Sem 2 : 3.85 / 4.0 Sem 3 : 3.75 / 4.0
Sem 4 : 3.88 / 4.0 Sem 5 : 4.00 / 4.0 Sem 6 : 3.90 / 4.0

Course List

Online Courses : Machine Learning Course by Andrew Ng, Stanford University on Coursera

Theory and Systems : Data Structures • Algorithms • Theory of Computation • Operating Systems • Database Systems

Data Science : Machine Learning • Automatic Speech Recognition • Visual Recognition • Learning and Cognitive Systems

Mathematics : Linear Algebra • Convex Optimization • Discrete Mathematics • Probability Theory • Calculus

Others : Digital Design • Signals and Systems • Computer Architecture • Computer Networks

Examination Results

All India IIT-JEE Mains, 2016	Rank 10,868	~1.2 Million attended
Karnataka Common Entrance Test, 2016	Rank 98	~120 Thousand attended
Karnataka State Pre-University, 2016	Score 92.5%	Mathematics : 100 / 100
Indian Certificate of Secondary Examination, 2014	Score 94.0%	Mathematics : 98 / 100

Medium of Instruction throughout : **ENGLISH**

💻 PROJECTS

Open Set Recognition Methods for Urine Sample Analysis

RESEARCH INTERN - COMPUTATIONAL SCIENCES LABORATORY - IIIT-B

FEBRUARY 2019 - JULY 2019

Implementation of the open-set recognition method OpenMax and its application to urine sample analysis. The algorithm follows the paper [Towards Open Set Deep Networks \(Abhijit Bendale & Terrance E Boulton, 2015\)](#). Also tried to come up with new ways that could help distinguish “artifacts” from positive class samples.

Bangalore Metropolitan Transport Corporation - Cost Minimization

PROJECT INTERN

JANUARY 2018 - MARCH 2018

Optimization of the bus schedule for Bangalore Metropolitan Transport Corporation so that their cost of operation was reduced while respecting several constraints.

Toxic Comments Classification

5TH SEMESTER - GEN511: MACHINE LEARNING

SEPTEMBER 2018 - NOVEMBER 2018

Trained a multi-label machine learning classifier that could classify comments found online into one or many of the classes that denote levels of vituperative content.

REPORT

Simple As Possible - 1 Computer

2ND SEMESTER - ESS102: DIGITAL DESIGN

MARCH 2017 - MAY 2017

Built the Simple As Possible Computer - 1 in Verilog.

CODE

For a complete list of projects, please visit my [PORTFOLIO](#)

TECHNICAL SKILLS

Programming Languages : Python • C • C++
Data Science : Numpy • Scikit-Learn • Tensorflow • Keras

Tools : Git • ~~W~~TeX • OpenCV
Basic : MySQL • Linux • Web Dev

ACHIEVEMENTS

Selected for Dean's Merit List at IIIT-B for two consecutive years.	2017, 2018
Received Merit Scholarship at IIIT-B.	2017
Pratibha Puraskara award by the local community for academic excellence.	2014
National Rank Winner of the 2nd International Level Science Talent Search Exam.	2007

HOBBIES AND INTERESTS

Learning Japanese using the Genki Textbooks and Anki App.
Played Table Tennis and Football at School Level and participated in many local tournaments.