

# Ananth Shreekumar

COMPUTER SCIENCE STUDENT · MACHINE LEARNING ENTHUSIAST

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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 : 3.89 / 4.0 [🔗 TRANSCRIPT](#)

### 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
Comed K Entrance Test, 2016	Rank 33	~58 Thousand attended
Karnataka State Pre-University, 2016	Score 92.5%	Mathematics : 100
Indian Certificate of Secondary Examination, 2014	Score 94.0%	Mathematics : 98

## 💻 PROJECTS

**OpenMax - A Multi-Class Meta Recognition Method**

RESEARCH INTERN - COMPUTATIONAL SCIENCES LABORATORY

FEBRUARY 2019 - PRESENT

Implementation of OpenMax and its application to urine sample analysis, where objects from certain classes of interest were to be detected and objects from other classes to be rejected. Implementation follows the paper [Towards Open Set Deep Networks \(Abhijit Bendale & Terrance E Boult, 2015\)](#).

**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. The project was implemented in Python.

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

## 💻 TECHNICAL SKILLS

**Programming Languages** : Python • C • Java • C++

**Tools** : Git • ~~TeX~~ • OpenCV

**Machine Learning** : Numpy • Scikit • Tensorflow • Keras

**Basic** : MySQL • Linux • Web Dev

## 📖 COURSE WORK

**Theory and Systems** : Data Structures and Algorithms • Introduction to Automata Theory and Computability • Operating Systems • Database Systems • Programming Languages • Software Engineering

**Data Science and AI** : Machine Learning • Automatic Speech Recognition • Visual Recognition • Learning and Cognitive Systems: An Optimization Perspective

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

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

## 🏆 ACHIEVEMENTS

Selected for **Dean's Merit List** at IIIT-B for two consecutive years

2017 - 2018

Received **Merit Scholarship** at IIIT-B

2017

**National Rank Winner** of the 2nd International Level Science Talent Search Exam

2007