# Jishnu Jaykumar P

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## EDUCATION

### INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
BTech in Information Technology | CGPA : 8.49
Aug 2013 - May 2017 | Vadodara, IN

### S.P.V. MODI HIGH SCHOOL
HSC | Percentile Rank : 99.61
Jun 2011 - May 2013 | Rajkot, IN

### ST. MARY'S HIGH SCHOOL
SSC | Percentile Rank : 99.32
Jun 2010 - May 2011 | Gondal, IN

## LINKS

Personal:// **jishnup**
LinkedIn:// **jishnu-p**
Blog:// **@jis_padalunkal**
Github:// **jishnujayakumar**
Twitter:// **@jis_padalunkal**
SlideShare:// **PJishnuJaykumar**
YouTube:// **The Hacks of Jishnu**

## COURSEWORK

### UNDERGRADUATE
Calculus
Data Structures
Pattern Recognition
Operations Research
Information Security
Information Retrieval
Parallel Programming
Probability and Statistics
Algorithms and Problem Solving

### OTHERS
Coursera - **Machine Learning**
Udacity | Facebook - DL with PyTorch
Udacity | Google IN - Front End Dev

## SKILLS

### PROGRAMMING
**Proficient:**
Java • Python
**Intermediate:**
C • C++ • Shell • PHP
JavaScript • Matlab • LaTeX • R
**Familiar:**
Keras • TensorFlow • PyTorch
JanusGraph • OpenMP • FFmpeg
Git • Django • Flask • NodeJS

## EXPERIENCE

### IISC BANGALORE | Technical Associate @ RBCCPS
Jan 2019 – Present | Bengaluru, IN
- Involved in the development of **IUDX** Catalogue and Auth.

### IISC BANGALORE | Project Assistant @ RBCCPS
July 2018 – Dec 2018 | Bengaluru, IN
- Worked on developing **IUDX**.

### IISC BANGALORE | Research Intern @ RBCCPS
Jan 2018 – June 2018 | Bengaluru, IN
- Used **CV and ML algorithms** on video data obtained from the cameras installed at the various traffic junctions to track vehicles and estimate speed.

### IIIT VADODARA | Research Assistant
May 2017 – Dec 2017 | Gandhinagar, IN/Remote
- Continued my undergrad research with Dr. B. Chattopadhyay and Dr. P. Ray.

## RESEARCH

### INDIAN INSTITUTE OF SCIENCE BANGALORE
Collaborative Research
June 2019 – Present | Bengaluru, IN
Using reinforcement learning to teach a robotic hand to grab varying size objects.

### INDIAN INSTITUTE OF SCIENCE BANGALORE
Collaborative Research
Sept 2018 – Present | Bengaluru, IN
Extracting features in source code using deep learning for determining its quality.

### IISC BANGALORE - SEMO, USA
Collaborative Research with Dr. Reshmi Mitra
Dec 2018 – Present | Bengaluru, IN
Network Security on Edge Devices with low resources using Machine Learning.

### IISC BANGALORE - AMAZON
Collaborative Research with Dr. PARTH GUPTA (Amazon).
Apr 2018 – Oct 2018 | Bengaluru, IN
Worked on Query Auto Completion methodologies.

### IIIT VADODARA - UT DALLAS, USA
Undergrad Research | Mentors: Dr. Chattopadhyay, Dr. Ray
Nov 2016 – May 2017 | Gandhinagar, IN
https://doi.org/10.5281/zenodo.1235795

## ACHIEVEMENTS

| Year | Description | Award |
|---|---|---|
| 2018 | Among top 10000 applicants | Facebook PyTorch Scholarship Challenge |
| 2018 | Winner - Trip to Europe | India-EU ICT Standards OneM2M Hackathon |
| 2018 | Selected from all India applicants | Google India Challenge Scholarship |
| 2017 | Selected from all India applicants | RBCCPS, IISc Bangalore Research Internship |
| 2016 | Runner up out of 35 teams | IIIT-Vadodara Hackathon'16 |
| 2013 | Among top 1% students | Central Sector Scholarship Scheme, MHRD |