

Jishnu Jaykumar P

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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
BTECH IN INFORMATION TECHNOLOGY | CGPA : 8.49 (Gold)
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
Coursera - Discrete Mathematics
Udacity | Google IN - Front End Dev

SKILLS

PROGRAMMING

Proficient:

Java • Python

Intermediate:

C • C++ • Shell • PHP

JavaScript • Matlab • \LaTeX • R

Familiar:

Keras • TensorFlow • ApacheSpark

OpenMP • FFmpeg • Git • Django

Flask • JavaFX • JSP/Servlet • NodeJS

EXPERIENCE

IISC BANGALORE | PROJECT ASSISTANT @ RBCCPS

July 2018 – Present | Bengaluru, IN

- Involved in developing a video analytics framework using **CV and ML techniques** for traffic modeling and E-Sense.

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. Bhargab Chattopadhyay. and Dr. Pradipta Ray.

RESEARCH

INDIAN INSTITUTE OF SCIENCE BANGALORE

RESEARCH ASSISTANT

Sept 2018 – Present | Bengaluru, IN

Extracting patterns in source code using images for determining the quality of software readability with **Dr. Arun Babu**.

INDIAN INSTITUTE OF SCIENCE BANGALORE

PERSONAL RESEARCH

Apr 2018 – Present | Bengaluru, IN

Improving Query Auto Completion methodologies with **Dr. Parth Gupta (Amazon)**.

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

VADODARA | UNDERGRAD RESEARCH

Nov 2016 – May 2017 | Gandhinagar, IN

<https://doi.org/10.5281/zenodo.1235795>

PROJECTS

CRIME-R (CRIME-RETRIEVER) | MARCH 2016 - APR 2016

<https://goo.gl/WF7Jqo> | Programmed using Java, Python, Google Maps API

Won ^{2nd} rank out of 35 teams for Tech stream at Hackathon'16, IIIT-V

A DOCUMENT SEARCH ENGINE | JAN 2016 - APR 2016

<https://goo.gl/mXozQd> | Programmed using Java

Created a term pipeline for the ranked retrieval of documents.

ACHIEVEMENTS

2018 Winner - Trip to Europe
2018 Selected from all India applicants
2017 Selected from all India applicants
2016 Among top 5% students
2016 Runner up out of 35 teams
2013 Among top 1% students
2013 Among top 0.4% students
2011 Among top 0.7% students

India-EU ICT Standards OneM2M Hackathon
Google India Challenge Scholarship
RBCCPS, IISc Bangalore Research Internship
NPTEL IMAD Course | <https://goo.gl/bE8kQ5>
IIIT-Vadodara Hackathon'16
Central Sector Scholarship Scheme, MHRD
Grade-12 (HSC)
Grade-10 (SSC)