Jishnu Jaykumar P

http://jishnup.me | jishnuj@iisc.ac.in
+91-8758599133 | Kerala, IN

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**
Google Scholar:// **Jishnu Jaykumar P**

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 • Git
JanusGraph • FFmpeg • 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 – Oct 2019 | Bengaluru, IN
Network Security on Edge Devices with low resources using Machine Learning.

IISC BANGALORE - AMAZON
Collaborative Research with Dr. Parth Gupta
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	Detail	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