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**

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:
ApacheSpark • OpenMP
Git • FFmpeg • Laravel •Django •Flask
JavaFX • SQL • JSP/Servlet •NodeJS

EXPERIENCE

IISC BANGALORE | Project Assistant @ RBCCPS
July 2018 – Present | Bengaluru, IN
- Involved in developing a video analytics framework for traffic modeling and Video IoT.

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
Personal Research
Apr 2018 – Present | Bengaluru, IN
Enhancing 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

TSP-TRAVELLING SALESMAN PROBLEM | Jul 2016 - Nov 2016
https://goo.gl/p291nY | Programmed using C++, Armadillo
Created two parellel code implementations of TSP to reduce computation time.

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
Created a web application which provides crime density at any location in India using IR and ML techniques. **A mini Google for crime density** .

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

Year	Description	Award
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	Among top 5% students	NPTEL IMAD Course	https://goo.gl/bE8kQ5
2016	Runner up out of 35 teams	IIIT-Vadodara Hackathon'16
2013	Among top 1% students	Central Sector Scholarship Scheme, MHRD
2013	Among top 0.4% students	Grade-12 (HSC)
2011	Among top 0.7% students	Grade-10 (SSC)