Jishnu Jaykumar P

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+91-8758599133 | Padalunkal, 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
Intermediate:
C • C++ • Python • Shell • PHP
JavaScript • Matlab • LaTeX • R
Familiar:
ApacheSpark • OpenMP
Git • Android • Laravel • Django • Flask
• JavaFX • SQL • JSP/Servlet • NodeJS

EXPERIENCE

IISC BANGALORE | Research Intern @ RBCCPS
Jan 2018 – Present | Bengaluru, IN
- Creating smart apps like **Amazon Alexa** using the IDEAM-IOT-SDK.
- Using **Computer Vision and ML algorithms** to track vehicles and estimate speed using video data from the cameras installed at the various traffic junctions for the Bengaluru Traffic Department.

IIIT VADODARA | Research Assistant
May 2017 – Present | Gandhinagar, IN/Remote
- Trying to publish my undergrad research with Dr. Chattopadhyay and Dr. Ray.

EDUGORILLA | Software Engineering Intern
June 2017 – Sep 2017 | Lucknow, IN/Remote
- Worked on the data-enrichment API of EduGorilla.

RESEARCH

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY VADODARA | Undergrad Research
Nov 2016 – May 2017 | Gandhinagar, IN
https://github.com/jishnujayakumar/btpApp
Worked with Prof Bhargab Chattopadhyay and Dr. Pradipta Ray to create a tool which does sample size determination for attaining maximum power under cost constraints. **NOTE: Publication to be submitted, drafting is in progress** .

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
This project involved making 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
This project involved creating a term pipeline in which an inverted index for the documents was created. Features like ranked retrieval of the documents and auto suggestion using the **TRIE** data structure was also worked out.

ACHIEVEMENTS

Year		
2018	Winner from a total of 17 teams	**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)