

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

Data Structures
Operating Systems
Pattern Recognition
Information Security
Information Retrieval
Parallel Programming
Database Management System
Algorithms and Problem Solving
Object Oriented Design & Programming

OTHERS

Android App Development
NPTEL - Introduction to Modern Application Development (IMAD)

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 • Electron • Jekyll

EXPERIENCE

IISC BANGALORE | PROJECT ASSISTANT @ RBCCPS

Jan 2018 - Present | Bengaluru, IN

- Performing data analysis on the upcoming sensor data using Apache Spark and creating smart apps using the IDEAM SDK for the Smart City test bed project.

IIIT VADODARA | RESEARCH ASSISTANT

May 2017 - Present | Gandhinagar, IN/Remote

- Continuing my undergrad research with Dr. Bhargab Chattopadhyay.

EDUGORILLA | SOFTWARE ENGINEERING INTERN

June 2017 - Sep 2017 | Lucknow, IN/Remote

- Worked on the data-enrichment API of EduGorilla.

ATOS INDIA PVT. LTD. | SOFTWARE ENGINEERING INTERN

May 2016 - Jul 2016 | Pune, IN

- Worked with the cloud support team for handling the incoming VM issues in the form of tickets and rectified them.

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.

PROJECTS

TSP-TRAVELLING SALESMAN PROBLEM | JUL 2016 - Nov 2016

<https://goo.gl/p291nY> | Programmed using C++, Armadillo

Created two parallel 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

2018 Selected from all India applicants
2017 Selected from all India applicants
2016 Among top 5% students
2013 Among top 1% students
2013 Among top 0.4% students

Google India Challenge Scholarship

RBCCPS, IISc Bangalore Research Internship
NPTEL IMAD Course | <https://goo.gl/bE8kQ5>
Central Sector Scholarship Scheme, MHRD
Grade-12 (HSC)