

# 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 •  $\text{\LaTeX}$  • R

Familiar:

TensorFlow • 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 and creating smart apps using TensorFlow and 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++

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 2<sup>nd</sup> 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.

## AWARDS

2017	Among top 10/200 applicants	RBCCPS, IISc Bangalore Research Internship
2016	Among top 5% students	NPTEL IMAD Course   <a href="https://goo.gl/bE8kQ5">https://goo.gl/bE8kQ5</a>
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)