

Jishnu Jaykumar P

<http://jishnup.me> | jishnu.jayakumar182@gmail.com
+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

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:

Git • Android • Google Cloud Platform
Laravel • Django • Flask • JavaFX • SQL
JSP/Servlet • NodeJS • Electron • Jekyll

EXPERIENCE

IIIT VADODARA | RESEARCH ASSISTANT

May 2017 – Present | Gandhinagar, IN/Remote

- Working with Dr. Bhargab Chattopadhyay and Dr. Pradipta Ray on a project for estimating optimal sample sizes under cost constraints by maximizing power.

EDUGORILLA | SOFTWARE ENGINEERING INTERN

June 2017 – Sep 2017 | Lucknow, IN/Remote

- Worked on the data-enrichment API of EduGorilla.

NAVJEEVAN TRUST | FIELD WORKER & SOFTWARE DEVELOPER

Dec 2016 (Rural Internship) | Rajkot, IN

- Developed a software named Migrant which helped in pre-processing its (Navjeevan Trust's) data and uploading the same to its server.
- Educated rural children and did HIV/AIDS awareness camps.

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

<http://139.59.74.69/btp-2017/>

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

CRIME-R (CRIME-RETRIEVER) | MARCH 2016 - APR 2016

<https://goo.gl/WF7Jqo> | Won 2nd rank for Tech Stream at Hackathon'16, IIIT-V

This project involved making a web application which provides crime density at any location in India. This is a self-learning system born from the fusion of Information Retrieval and Machine Learning techniques which would classify a news into 4 categories namely murder, theft, rape and others.

A DOCUMENT SEARCH ENGINE | JAN 2016 - APR 2016

<https://goo.gl/mXozQd>

This project involved creating a term pipeline in which an inverted index for the documents was created. Various normalization rules and concepts were also applied for ranked retrieval of the documents. Apart from these, an auto suggestion feature was also worked out for the system using the TRIE data structure.

AWARDS

2016	Among top 5% students	NPTEL IMAD Course https://goo.gl/bE8kQ5
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)