

# Jimut Bahan Pal

jimut123.github.io | +91-890-220-9098 | jpal.cs@gm.rkmvu.ac.in

## EDUCATION

### RKMVERI, BELUR

M.Sc. IN COMPUTER SCIENCE

July 2021 | 80% 1<sup>st</sup> Sem | Belur, Kolkata, West Bengal

### ST. XAVIER'S COLLEGE

JULY 2016 | B.Sc. IN COMPUTER SCIENCE | 74.5%

### CENTRAL MODERN SCHOOL

ISC : 95.75% | May 2016 | Kolkata

### ST. AGNES BRANCH, IIT KGP

JULY 2008 | PRIMARY SCHOOLING

## LINKS

Research Gate:// Jimut\_Pal

Github:// Jimut123

Google Scholar:// jimut\_bahan\_pal

arXiv :// pal\_j\_1

LinkedIn:// jimut-bahan-pal

YouTube:// Jimut Pal

## COURSEWORK

### GRADUATE

Machine Learning

Computer Vision

Advanced Algorithms

Artificial Intelligence

Compilers

Probability and Discrete Maths

### UNDERGRADUATE

Operating Systems

Automata and Numerical Computing

Imperative Programming (C, C++,

Java)

Networking and DBMS

Computer Graphics + Practicum

(Matlab)

Unix Tools (Shell, Perl, Awk) and

Scripting

## SKILLS

### PROGRAMMING

• Python • C++

## EXPERIENCE

### DATA SUTRAM | PROJECT INTERN

Jan 2019 (1 mo) | Rabindra Sarovar, Kolkata

- Data Visualization Projects using Folium in Python3
- Scraped Various websites for **data analysis**
- Collected Data for **Machine Learning Projects** turning into Python3 library

## OTHERS

There were various things that I was involved with during my U.G. in St. Xavier's College, Kolkata:

- **ENIGMA** | Event Head | Science Association | Coding Event
- **Analytica** | Graphics Design Team | Maths Dept.
- **Key-note Speaker** | Google | MLCCSXC
- **Developer** | Xavotsav Website
- Developed Several games | **Roller Madness** | **Box Shooter** | **Super Sparty Brothers** | **FPS game** | **Stopwatch Game** | **Solar System Simulator** | **Pong Game** | **Memory Game** | **Jump and Roll** | **Breakout 2D**
- Worked in Python3 to create some interesting Projects, some were in **pip** and **GitHub** | **Wisp** | **MIS application** | **Spammify** | **Scrawl** | **Web crawler** | **Jimutmap** | **JGD** | **Jimner**
- Did several **courses on Coursera** and earned Specializations | **TensorFlow** | **DL** | **Applied Data Science** | **Python**
- Course-work writings in **Latex** - **JBP Scripts** and **blogs**
- **Volunteer** | **Social work** | **Taught children** | **Blood donation camps**

## RESEARCH

### CAPTCHA | M.L. COURSE THESIS (ESSN PAPER)

March 2020 – May 2020 | RKMVERI, Kolkata

Worked under **Dripta Maharaj** to build **deep learning models** to solve text CAPTCHAs.

### WISP | B.Sc. DISSERTATION

November 2018 – June 2019 | St. Xavier's College, Kolkata

Worked with **Prof. Shalabh Agarwal** to create an **clustering algorithm** which finds the best location according to preferences. Uploaded a paper in **arXiv**.

## AWARDS

- 2016 **Felicitated from Central Modern School, Kolkata**
- 2016 **Felicitated from Baranagar Municipality**
- 2015 **Ranked 3<sup>rd</sup> in class 11, Central Modern School, Kolkata**
- 2014 **Felicitated from Baranagar Municipality**

## PUBLICATIONS

- [1] J. B. Pal. How to cluster nearest unique nodes from different classes using jjcluster in wisp application?, 2020.
- [2] J. B. Pal and S. Agarwal. Real time object detection can be embedded on low powered devices. *IJCSE*, 2018.
- [3] J. B. Pal and A. Nath. Botnets: A constant threat to cyberspace. *IJARCSMS*, 2018.
- [4] J. B. Pal and A. Nath. New approach to generate, re-generate, encode, and compress 3d structures using polynomial equations. *IJCSE*, 2018.