# Jimut Bahan Pal

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## EDUCATION

**RKMVERI, BELUR**
M.Sc. in Computer Science
July 2021 | 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**
LinkedIn:// **jimut-bahan-pal**
YouTube:// **Jimut Pal**
Twitter:// **@jimut_pal**
Facebook:// **jimut.pal.5**

## COURSEWORK

### GRADUATE

Advanced Machine Learning
Computational Geometry
Advanced Algorithms
Optimisation Techniques
AI and Computer Vision
Compilers, Data Mining
Probability and Discrete Maths

### UNDERGRADUATE

Operating Systems
Automata and Numerical Computing
Imperative Programming
Networking and DBMS
Computer Graphics + Practicum
Unix Tools and Scripting

## SKILLS

### PROGRAMMING

Over 5000 lines:
• Python • Shell • Java • C++
• Matlab • LaTeX
Over 1000 lines:
• Javascript • C • CSS • PHP • Assembly
Familiar:
• MySQL

## 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** | **Wisp** | **MIS application** | **Spammify** | **Scrawll** | **Web crawler** | **Jimutmap** | **JGD** | **Jimner**
- Did several **courses on Coursera** and earned Specializations | **DL** | **Applied Data Science**| **Python**
- **Volunteer** |Social work | **Taught children** | **Blood donation camps**

## RESEARCH

**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.

## AWARDS

| | |
|---|---|
| 2016 | Felicitated from Central Modern School, Kolkata |
| 2016 | Felicitated from Baranagar Municipality |
| 2015 | Ranked 3$^{rd}$ in class 11, Central Modern School, Kolkata |
| 2014 | Felicitated from Baranagar Municipality |

## PUBLICATIONS

[1] J. B. Pal and S. Agarwal. Real time object detection can be embedded on low powered devices. *IJCSE*, 2018.

[2] J. B. Pal and A. Nath. Botnets: A constant threat to cyberspace. *IJARCSMS*, 2018.

[3] J. B. Pal and A. Nath. New approach to generate, re-generate, encode, and compress 3d structures using polynomial equations. *IJCSE*, 2018.