

Jimut Bahan Pal

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EDUCATION

RKMVERI, BELUR

M.Sc. IN COMPUTER SCIENCE

July 2021 | 80% 1st 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 (ARXIV:2006.11373 [cs.CV])

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 3rd 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.