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** | **Scrawll** | **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
March 2020 – May 2020 | RKMVERI, Kolkata
Worked under **Dripta Maharaj** to build **deep learning models to solve text CAPTCHAs (ESSN paper)**.
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.