

Akash Ramanand Rajak

+91 8980153352 | 435_bt19@iiitkalyani.ac.in | [linkedin/akash-rajak-akash435](https://www.linkedin.com/in/akash-rajak-akash435) | [github/akash435](https://github.com/akash435)

WORK EXPERIENCE

EXPOSYS DATA LABS | SOFTWARE DEVELOPER - INTERN

India, IN | JUL 2021 - AUG 2021

Built an algorithm to secure messages with high security and less time. And also authenticated user entity..

LETS GROW MORE | OPEN SOURCE CONTRIBUTOR

India, IN | JUN 2021 - AUG 2021

DSC - IIIT KALYANI | STUDENT MEMBER

India, IN | JAN 2021 - MAR 2021

Built an end-to-end ML system for tabular datasets using ML and NLP.

Participated in **Android Study Jam**.

EDUCATION

B - Tech Computer Science

India, IN | JUN 2019 - JUN 2023

- INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, KALYANI

- CGPA TILL SEM - 4 : 8.88

HSC - Maths, Physics, Chemistry

India, IN | JUN 2016 - JUN 2018

- BARODA HIGH SCHOOL, ALKAPURI

- PERCENTILE : 92.06

SSC

India, IN | JUN 2015 - JUN 2016

- GUJARAT REFINERY ENGLISH MEDIUM SCHOOL (GREMS)

- PERCENTILE : 98.95

PROJECTS

CAVEMAN - THE SAVIOUR

JAVA, ANDROID, SQLITE DATABASE

A 2D physics-based game app created with Android Studio and with simple graphics.

ORGAN DONORS PREDICTION

PYTHON(NUMPY, PANDAS, SEABORN, MATPLOTLIB, SKLEARN), REGRESSION, CLASSIFIER, JUPITER NOTEBOOK

Built a ML MODEL, to analyze the data of donors and predict from that. Analyzed with models like Logistic, Linear, Ridge, Lasso Regression, Decision Tree, Random Forest, K Neighbors, XGBoost Classifier.

VIDEO STITCHING

PYTHON (TKINTER, OPENCV, MOVIEPY, PIL)

Built a Video Stitching application with ROW and COLUMN STITCHING.

DICTIONARY

PYTHON (TKINTER, PYTTX3, SPEECH RECOGNITION, PYAUDIO)

Built an English dictionary with AUTO-COMPLETE, TEXT - SPEECH, SPEECH - TEXT, VIRTUAL KEYPAD feature.

SIMPLE PYTHON IDE

PYTHON (TKINTER, STRINGIO)

Built a Simple Python IDE using tkinter GUI which runs code, find errors, change themes.

SKILLS

Languages: C, C++, Java, Python (Numpy, Pandas, Matplotlib, Seaborn, Tkinter, OpenCv), Scilab, MIPS Assembly Language

Web Development: HTML/CSS

Technology: Dev C++, Pycharm, Jupiter Notebook, Eclipse, Android Studio, Scilab, Qtspim, Git & Github, NLP, ML