## INDRAJIT SADHUKHAN

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| Education . |  |
| Bachelors of Technology, Computer Science and Technology  Indian Institute of Engineering Science and Technology (IIEST), Shibpur |
| * **CGPA 8.45** * Expected Graduation Month – July,2022 * Related Coursework – Data Structures & Algorithms, Theory of Computation, Computer Architecture and Organization, DBMS, Computer Networks, Data Mining, Operating Systems |  |
| Higher Secondary (10+2) - 93.6% Secondary (10) – 89.57% |  |
| INTERNSHIPS |  |
| Android Development Internship, Bluetoise Technologies- Kotlin, XML Nov ’20 –Jan ’21 |  |
| * [Play store Link](https://play.google.com/store/apps/details?id=market.example.marketapplication&hl=en&gl=US)  [Internship Certificate](https://drive.google.com/drive/u/1/folders/1Moi26ecBr6Ms0xCmKOyd4VhGbaw4oDmh) * This android application is built for the business owners who wants to build their own online store easily by uploading their product details. Then his/her store link is generated and then they can share their link with their customers. * **Technologies used – Android Studio, Cashfree SDK (to receive payments) , Volley to request data from APIs, Shared Preferences to store user data, Bitbucket (VCS), Coroutines.** * We deployed the application in play store in Dec ’20 and now (June 21) it has 100+ downloads * Our team consisted of 4 developers (1 for backend , 2 for android, 1 for web) and 2 co-founders. |  |
| PROJECTS |  |
| Employee Manager Android Application – Java, XML  [Github link](https://github.com/indrajitsadhukhan/employee-manager-android-application) |

* This application can be used to keep records of the employees of an organization by adding each employee details.
* The project consists of two android application one is for Administrator and other is for Employee
* The admin version can be used to add/remove employees, notices and other events
* User version can be used to view the details of other employees, notices and other events.
* **Technologies used – RoomDB (Local storage), Firebase (Database & Storage), Firebase Authentication, Fragments, Git.**

Data Mining of Iris Dataset (UCI Repository) – Python

* Cluster the dataset in 3 clusters using K-means clustering algorithm
* Validate the clustering using Silhouette Index, Davies Bouldin Index
* Used Linear regression to compute missing values
* Discretized continuous valued attribute using Entropy-based Discretization

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| ACHIEVEMENTS |  |

* Achieved Rank 412 out of more than 6744 participants by solving 4 out of 7 problems in Codechef short contest ( March Cookoff 21)