Arghadip Chakraborty

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EDUCATION

Netaji Subhash Engineering College   2017 – 2021 (Expected)

B.Tech, Computer Science and Engineering, Average GPA: **8.16/10**

Relevant Courses: Data Structures, Analysis of Algorithms, DBMS, OOP Concepts, Computer Network, Operating System

Raiganj Coronation High School   2010 – 2017

X: **91.3%**, XII: **84%**

EXPERIENCE

GSSoC' 20 Contributor | GirlScript Foundation   Mar '20 – May '20

- Contributed to **3** different projects of the GirlScript Summer of Code '20 (3 months long Open Source development program conducted by GirlScript Foundation).
- Link to all contribution details: http://www.gssoc.tech/profile.html?id=arghac14

Technical Content Writer Intern | GeeksforGeeks   Oct '19 – Jan '20

- Published **12** articles on various technical topics related to different data structures, algorithms and library functions different programming languages along with the code snippets.
- Link to all approved articles: https://tiny.cc/gfg-articles

Web Developer Intern | Perb Solutions Pvt Ltd   Aug '19 – Sep '19

- Assisted in implementing different UI components and layouts of **15+** websites and designed the front-end of **2** websites from scratch.

SKILLS

Languages: Python, C++, Java, JavaScript, SQL, Bash

Libraries/frameworks: Node, Express, React, Redux (basics), Bootstrap, JQuery, Pandas, Matplotlib, Scikit-learn

Other tools/technologies: VCS (Git/Github), MySQL, MongoDB (basics)

Soft Skills: Public speaking, Technical writing, Team management, Team work, Punctuality, Flexibility

PROJECTS

- **Cinemy:** A progressive web application built with Materialize CSS, Node.js and MySQL database using Tmdb API, where users can explore a wide range of movies, get similar movie recommendations and track their watch history.
  Link: http://github.com/arghac14/Cinemy

- **Customer Churn Analysis:** A hybrid model consisting of ensemble classifier, K-prototype clustering model and association rule mining model (Apriori algorithm) to analyze customer churn data with majority voting technique for both feature selection and classification on IBM Watson telecom dataset.
  Link: https://github.com/arghac14/Customer-Churn-Analysis

- **BlogFeed:** A multi-user blogging app built using MERN (MongoDB, Express, React, Node) stack with cloud-based image and video management service cloudinary.
  Link: http://github.com/arghac14/BlogFeed-v2

- **Messangy:** A multi-user chatting application built using Node.js and Socket.io, supporting real-time communication.
  Link: https://github.com/arghac14/Messangy

RESEARCH

- **"A New Hybrid Feature Selection-Classification Method to Identify Churned Customers"** co-authored by *A Chakraborty, D Sinha, SR Molla, S Giri, C Das* and *S Bose* got accepted for oral presentation and publication in the 5th International MCCS conference-2020. The proposed model is superior (accuracy: **82.41%**) to other existing models.

VOLUNTEER EXPERIENCE

- Mentored **10+** students in the 3 months long open source development program 'StudentCode-In '20'.
- Developer and co-ordinator of the college Linux user group & open source community 'GNX NSEC'.

ACHIEVEMENTS

- Ranked **56th** in 'GirlScript Summer of Code '20' among 2000+ participants.
- Among top 50 nationwide finalists (**41st** rank) in the 'GeeksforGeeks Technical Scripter Even '20'.
- **4** Star (**1800+**) rated in Codechef. (Codechef ID: argha_c14)
- Contributed to **15+** open source projects of different open source organisations. (GitHub ID: arghac14)
- Reached Google Codejam '20 round 1 with global rank: **8,975**.