

Arghadip Chakraborty

Portfolio: [arghac14.github.io](https://github.com/arghac14)
GitHub: github.com/arghac14
LinkedIn: [linkedin.com/in/arghac14](https://www.linkedin.com/in/arghac14)

Email: 01argha@gmail.com
Contact: +91-8637384257
Kolkata-152, India

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, OOP concepts, DBMS, Networking

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 the 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 the 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 on **15+** websites and designed the front-end of **2** websites from scratch.

SKILLS

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

Libraries/frameworks: Node.js, Express.js, React.js (Basics), Bootstrap, JQuery, Pandas, Matplotlib, Scikit-learn

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

Soft Skills: Public speaking, Technical Writing, Team management, 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>
- Messangy:** A multi-user chatting web application developed using Node.js and Socket.io, supporting real-time communication between multiple users.
Link: <https://github.com/arghac14/Messangy>
- Music Player:** A music player web app built using PHP and MySQL, where users can create custom playlists and play the added songs by in-built player.
Link: <http://github.com/arghac14/MusicPlayer-app>

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 ‘GNXNSEC’.

ACHIEVEMENTS

- Ranked **56th** in ‘GirlScript Summer of Code '20’ among 2000+ participants.
- Among top 50 nationwide finalists (**41st** rank) in the ‘GeeksforGeeks Technical Scripter Event '20’.
- 4** star (**1800+**) rated in Codechef. (Codechef ID: arghac14)
- 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**.