Arghadip Chakraborty

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EDUCATION

Netaji Subhash Engineering College
B.Tech, Computer Science & Engineering
Average GPA: *8.1/10*
2017 – 2021 (Expected)

Raiganj Coronation High School
X: *91.3%*, XII: *84%*
2010 – 2017

LINKS

Website: arghac14.me
GitHub: arghac14
LinkedIn: arghac14
Codechef: argha_c14

CERTIFICATIONS

- Algorithm Toolbox (Coursera)
- Nodejs from scratch (Eduonix)
- PHP-MySQL Fundamentals (NIVT)
- Python 101 for Data Science (IBM)
- Machine Learning Track (Datacamp)
- Intro to Data Science (Datacamp)

Check other certificates:
https://tiny.cc/certificates

VOLUNTEER EXPERIENCE

- Mentored *10+* students in the open source program *StudentCode-In '20.*
- Developer and co-ordinator of the college Linux user group & open source community (*GNX NSEC*).
- Technical event head of annual inter-college technical fest *Avenir '20.*

ACHIEVEMENTS

- Ranked *65th* in *GirlScript Summer of Code '20* among *2000+* participants.
- Among top 50 nationwide finalists (*41st* rank) in the *GeeksforGeeks Technical Scripter Event '20.*
- *4* start (*1800+)* rating in Codechef with country rank**:** *10,543.*
- Reached *Google Codejam '20* round 1 with global rank: *8,975.*
- Reached final level of the *Google Foobar* Challenge.
- Winner of the intra-college manual robotics event *Robosoccer.*
- Recipient of the merit award *'Smriti Puraskar'* in board examination.

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 program conducted by GirlScript Foundation).
- Check the contributions: http://www.gssoc.tech/profile.html?id=arghac14

Technical Content Writer Intern | GeeksforGeeks   (Oct '20 – Jan '20)
- Published *12* articles on various technical topics related to different data structures, algorithms and library functions with the code snippets.
- Check all the articles here: https://tiny.cc/gfg-articles

Web Developer Intern | Perb Fitness Solution 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.

Open Source Contributor   (Dec '18 –)
Contributed to *15+* projects of different open source organisations.
- fnplusgeek/Useful-Python-scripts-collection: https://github.com/fnplus/Useful-Python-scripts-collection/commits?author=arghac14
- OGF/cosmos: http://github.com/opengenus/cosmos/commits?author=arghac14

SKILLS

Languages: Python , C++, Java, JavaScript, SQL
Tools/Technologies: HTML, CSS, JQuery, Bootstrap, Nodejs, MySQL, Git/Github
Familiar With: Pandas, Matplotlib, Scikit-learn, PHP, Bash
Core Technical Skills: Data Structure, Analysis of Algorithms, Object Oriented Programming, Database Management System
Soft Skills: Public speaking, Team management, Technical Writing, Flexibility

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.

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