ARNAB CHANDA

Designer, Developer and Tech Enthusiast

Kolkata || India
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EXPERIENCE

Codechef Kolkata, Campus Chapter Nov 2019 - present

Hosting contest every month on CodeChef and organising workshops.

Internship at ERiyaz July 2019 - August 2019
Android Developer Intern

➔ *Working on unreleased features, and adding new features into an android app that had a growing user base of over 50,000 users*
➔ *Working with Firebase cloud functions that implemented various quality of life improvements in the application*

Developer Students' Club, NSEC Jan,2019-present
Android/Web

➔ *Working with a team to help juniors get started with development.*
➔ *Organize workshops/seminars on various topics. Also Worked voluntarily to organise DevFest Kolkata, 2019.*

Freelance Design and Video Editing May,2017-present
Video and Graphic Designing

➔ *Worked with various clients on several projects as a Freelance graphic designer and video editor.*
➔ *Co-Founded a youtube channel as a hobby where I worked as a content creator and video editor.*

PROJECTS

IoT and Robotics

- **Smart IOT based assistant - GLaD_OS**
  (Raspberry Pi)
- **Autonomous and Manual racing Robots**
  (Arduino)

Android Development *(Java)*

- **Android application to scrape IMDB to get info on movies and tv shows**
- **Android application to maintain personal attendance records**

EDUCATION

NETAJI SUBHASH ENGINEERING COLLEGE
B.Tech, CSE
Expected Graduation: **2021**
Average GPA: **8.21**

NATIONAL GEMS HIGHER SECONDARY SCHOOL

ISC – 2016-17 – 94.75%
ICSE – 2014-15 – 95.8%

LINKS

LinkedIn: Arnab Chanda
GitHub: Arnie09
Website: arnie09.github.io
Codechef: Arnab Chanda
Codeforces: Arnab Chanda

LANGUAGES

Professional fluency in:
English, Bengali, Hindi

SKILLS

Programming:

Python, JAVA, Arduino(Basics), Raspberry Pi(Basics), FireBase, Competitive Programming, C++(STL), Django

Designing & Video Editing:

Photoshop,Premiere Pro, After Effects, HTML,CSS

Main Tech Stack:
Native Android Development, Data Science using Python, Desktop Applications using Python, Firebase, Front End Web (Basics), Web development in Django, Git.

Soft Skills:
Time management, Teamwork, Public Speaking, Punctuality

Data Science and Machine Learning

- **Association rule mining based PyQt app**

Web Development *(Django)*

- **Visualising Dijkstra's Algorithm using interactive grid**

A host of other mini projects are open-sourced on Github.

ACHIEVEMENTS

- **ACM-ICPC Qualification Round Rank** : **1257**   *(Link)*
- **Codechef 4 Stars rating (1800+ rated)**
- **Won intra college robotics tournament in Avahaan**

CERTIFICATIONS

- **Data Structure and Algorithms in Python, NPTEL(online)(8 weeks)**
- **Python Programmer, DataCamp (online) (36 hours)**
- **Introduction to Deep Learning in Python, DataCamp (4 hours)(online)**

PUBLICATIONS

*"Analysis of Importance of Pre-requisite Subjects on Student Academic Performance in Dependent Subjects Using Association Rule Mining" authored by Chandra Das, Shilpi Bose, **Arnab Chanda**, Sandeep Singh, Kuntal Ghosh is accepted for oral presentation and publication in Springerproceedings of 4th ICACIE 2019.*