Ayan Banerjee

GitHub | GitLab | LinkedIn | CodeChef

Email: ayanbn7@gmail.com | Mobile : +91 8016399022

Room No - 119, Hall - 4, NIT Durgapur, Durgapur - 713 209

EDUCATION

- **National Institute of Technology Durgapur** — Durgapur, India
  B.Tech, Electronics and Communication Engg., GPA: 9.21/10 (6th sem), CS Courses: 10/10   Jul 2016 - May 2020

- **Sargachi Ramakrishna Mission High School** — Sargachi, WB, India
  Higher Secondary, Science, 96%   *2014 - 2016*

- **Sargachi Ramakrishna Mission High School** — Sargachi, WB, India
  Secondary, 92.43%   *2008 - 2014*

EXPERIENCE

- **Google Summer of Code student at UCSC Xena**
  Google Summer of Code student under University of California, Santa Cruz   *May - Aug, 2019*
  - Implemented support more data formats for Xena Browser (https://xenabrowser.net) in an ETL (Extract Transform Load) pipeline.
  - Data manipulation was done in Python with extensive usage of Pandas module (https://github.com/ucscXena/xena-GDC-ETL).
  - **Technologies:** Python, Pandas, Numpy, Git, Continuous Integration, Unit Testing, AWS

- **Google Code In**
  Mentor under coala organization   *Oct - Dec, 2018*
  - Mentored pre-university students to get them started with Open Source Contributions for the organization coala.

- **Indian Institute of Technology Bombay** — Mumbai, India
  Summer Intern at FOSSEE under Prof. Kannan Moudgalya   *May - July, 2018*
  - Top 60 among more than 22,500 applicants.
  - Integrated a plagiarism detector with Yaksh, a course taking application.
  - Worked in backend written in Django.
  - The feature is to be regularly used inside IIT Bombay and in Spoken Tutorial courses by thousands of students.
  - **Technologies:** Python, Django, Git, SQL, HTML, CSS, Bootstrap, Unit Testing

PROJECTS

- **Smart Dustbin**: Built a smart dustbin which can sense the percentage filled, built using Arduino, NodeMCU, Django, Google Sheets API; this project came first in the IoT hackathon in Aavishkar, the tech fest of NIT Durgapur; a team project.

- **GitHub Activity Checker**: A web app to show a GitHub user's public activities, built using GitHub API, jQuery and Ajax.

- **Analog Clock**: A 3D animated clock, built using THREEjs.

ACHIEVEMENTS & RESPONSIBILITIES

- Ranked **191**st among 8251 participants in CodeChef February 2018 Long Challenge.
- Conducted **Decathlon 2018** & **Decathlon 2019**, the annual programming contest of the fest Aarohan.
- Ranked **1881**st among more than 150,000 participants in CodeChef (Best Ranking, Sept, '18).
- Ranked **13**th among more than 750,000 candidates in state in Higher Secondary Examination (10+2).

SKILLS

- **Proficient In**: C, C++, Python, Data Structures and Algorithms, Version Control System (git), Object Oriented Programming, DBMS

- **Familiar With**: Linux, Web Technologies (HTML, CSS, JavaScript), WebGL, Backend Technologies (Django, Flask), Deep Learning, PyTorch, LaTeX