Ayan Banerjee

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EDUCATION

- **National Institute of Technology Durgapur**
  B.Tech in Electronics and Communication Engineering, CGPA: 9.31/10 (till 5th semester)
  Durgapur, WB, India
  2016 - 2020

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

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

EXPERIENCE

- **Indian Institute of Technology Bombay**
  Summer Intern at FOSSEE under Prof. Kannan Moudgalya
  Mumbai, India
  May - July, 2018
  - Top 60 among more than 22,500 applicants.
  - Integrated a plagiarism detector with Yaksh. a course taking application.
  - Used Abstract Syntax Tree to obtain similarity between codes.
  - **Django**: Worked in a huge code-base written in Django.
  - The feature is to be regularly used inside IIT Bombay and in Spoken Tutorial courses by thousands of students.

PROJECTS

- **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 and WebGL.

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

- **Open Source Contributions**

  - Contributor at coala, a language independent linter and moban, a jinja2 CLI command for static text generation.
  - **Mentor, Google Code-In**(Oct - Dec, 2018): Mentored school students to contribute in open source for coala.

ACHIEVEMENTS

- Ranked **191**st among 8251 participants in CodeChef February 2018 Long Challenge.
- 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).
- **Topped** from school in Secondary Examination.
- Awarded **NTSE Scholarship** (2012-14) by NCERT.

SKILLS

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

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