Ayan Banerjee

https://ayan-b.github.io/

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EDUCATION

- **National Institute of Technology Durgapur** — Durgapur, WB, India
  B.Tech in Electronics and Communication Engineering, CGPA: 9.28/10 (till 5th semester) — *2016 - 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

- **IIT Bombay** — Mumbai, India
  Summer Intern at FOSSEE under Prof. Kannan Moudgalya — *May - June, 2018*
  - Top 60 among more than 22,500 applicants.
  - Integrated a plagiarism detector with Yaksh.
  - 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 users public activities, built using GitHub API, jQuery and Ajax.

- **Analog Clock Reading**: 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, 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**: Mentored pre-university students to get started in Open Source contributions.

ACHIEVEMENTS

- Ranked **191**st among 8251 participants in CodeChef February 2018 Long Challenge.
- Ranked **1881**st among more than 150,000 in CodeChef (Best Ranking, Sept, '18)
- Ranked **13**th among more than 750,000 candidates in state in Higher Secondary Examination (10+2).
- Top **0.5**% among more than 1.2 million candidates in JEE Main, Opening rank of the branch.
- **Topped** from school in Secondary Examination.
- Awarded **NTSE Scholarship** (2012-2014) 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

Extracurricular Activities

- **National Service Scheme** (2017-Present): Organized annual survey and medical camps in villages.
- **National Cadet Corps** (2011-13, 2016-17): Took part in parades during Sports Day, Independence Day and Republic Day.