

Ayan Banerjee

GitHub | GitLab | LinkedIn

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EDUCATION

- **National Institute of Technology Durgapur** Durgapur, WB, India
B.Tech in Electronics and Communication Engineering, CGPA: 9.30/10 (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

- **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.
 - 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 THREE.js and WebGL.
- **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.
- **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 **191st** among 8251 participants in CodeChef February 2018 Long Challenge.
- Ranked **1881st** among more than 150,000 participants in CodeChef (Best Ranking, Sept, '18).
- Ranked **13th** 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