

# Arindam Banerjee

arindam.banerjee.790@gmail.com  
arindam.cs13@iitp.ac.in | +91 9472472543

## EDUCATION

### IIT PATNA

UG THIRD YEAR B.TECH IN COMPUTER  
SCIENCE  
CPI (till 4th sem.): **9.19** / 10

### ST. XAVIER'S SR. SEC. SCHOOL

INTERMEDIATE MAY 2013| JAIPUR,  
INDIA  
Percentage : 92.3

### ST. XAVIER'S SR. SEC. SCHOOL

MATRICULATION MAY 2011| JAIPUR,  
INDIA  
Cum. CGPA: 10 / 10

## LINKS

Github:// **sageex**  
LinkedIn:// **Arindam Banerjee**  
Codeforces:// **SageEx**  
CodeChef:// **SageEx**

## COURSES

### UNDERGRADUATE

Introduction to Computing  
OOP and Data Structures  
Algorithm  
Digital Design  
Optimisation  
Software Engineering  
System Programming  
Computer Org. and Arch.

## SKILLS

### PROGRAMMING LANGUAGES:

Java • C++ • Haskell • C •  
JavaScript • PHP • HTML • CSS •  
ELisp • Assembly

### DATABASE

MySQL

### SCRIPTING

Python • Bash-Scripting

### TOOLS

Git • Vim • Emacs • Eclipse •  $\text{\LaTeX}$

### OPERATING SYSTEM

Linux • Windows

## ACADEMIC PROJECTS

### ALGORITHM SIMULATOR WEBAPP | MENTOR: DR. SAMRAT MONDAL

Spring 2014

- Developed a web application which shows various simulation for common sorting and graph algorithms
- Provided step-by-step animation, variable animation speed and pause/resume option
- It also provided a forum for discussion and posting articles with comments
- Developed the recursive sorting algorithm module - MergeSort
- Used Fabric.JS framework.

### 4 BIT CPU | MENTOR: DR. SOMANATH TRIPATHY

Spring 2014

- Designed a 4-Bit CPU as our Hardware Lab Project which on implementation performs basic binary operations such as Add, AND, OR, Load and Store

## WEB DEVELOPMENT PROJECTS

### OFFICIAL ANWESHA WEBSITE | ANWESHA

Jan 2015

- Developed the backend for Anwasha(website) - the techno-cultural fest of IIT-Patna
- Worked in a team of 2 people in PHP

### NJATH WEBSITE | NJATH

Jan 2015

- NJATH is an online treasure hunt during Anwasha, IIT-Patna
- Worked in a team of 3 people in PHP

## SIDE PROJECTS

- Currently working on a manga downloader using python
- Made a survey website(PHP and D3.JS) to rate face beauty and correlate this with the Golden Ratio and present the results
- Wrote a shell script for notification balloon for volume and brightness indicator

## ACHIEVEMENTS

2014 Secured rank **42** in **ACM-ICPC** Kharagpur Regionals 2014-15  
2015 Secured **AIR 41** in **TCS Codevita 2015** Round 1 (best in IIT-Patna)  
2012 **KVPY** Fellowship

## POSITIONS OF RESPONSIBILITY

2015-Present **Coordinator at Training and Placement Cell**, IIT Patna  
2015-Present **Coordinator, Registration Desk, Anwasha**, IIT Patna  
2014-2015 Subcoordinator, NJACK - the computer club of IIT Patna  
2014-2015 Subcoordinator, Registration Desk, Anwasha, IIT patna