

# Md. Azmal

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<http://azmal.me> | [github.com/MD-AZMAL](https://github.com/MD-AZMAL)

## EDUCATION

- **Institute of Technical Education and Research** 2017 – Present  
Btech in Computer Science and Engineering | CGPA 9.56 upto 4<sup>th</sup> Semester
- **D.A.V. public school, CDA, cuttack** 2017  
CBSE XII – AISSCE | Percentage – 76.6%
- **D.A.V. public school, CDA, cuttack** 2015  
CBSE X – AISSE | CGPA – 9.4

## WORK AND EXPERIENCE

- **C3i center, Indian Institute of Technology, Kanpur** May 2019 – July 2019  
Cybersecurity Research Intern
  - Worked on blockchain.
  - Developed frequency based power billing application on Hyperledger Fabric.
- **Student Researcher in SOA Cybersecurity Lab** Present
  - Working on IOT security projects under faculty supervision

## PROJECTS

- **Shawpot** June 2019  
Low action honeypot that opens a port as bait, gathers information about intruder's device and shows to admin dashboard. Built using python and NodeJS.
- **Electrify** Oct 2018  
Blockchain based power sharing application for decentralized power sharing among households. Built blockchain API from scratch using NodeJS and Express.
- **Sharp Tune** May 2018  
Native music player app for linux and windows along with audio visualisation. Built using ElectronJS. Published on Electron store with over 3000 downloads.
- **Stegano** Mar 2018  
Image steganography application where data can be partitioned and stored on multiple image files for better security. Built using python, PIL and OpenCV.

## SEMINARS AND WORKSHOP

- Organized various seminars and on github, web development and many more in CODEX, ITER.
- Attended TEDX SOAUniversity 2017 and witnessed various talks on algorithms and AI.
- Attended Odisha Startup Summit 2017 held at ITER.

## TECHNICAL SKILLS

- Languages : C, C++, Java, Python, JavaScript, Processing.
- Web technologies : HTML, CSS, NodeJS, Express, MongoDB.

## AWARDS AND RECOGNITION

- Completed Alexa Developer Skill Promotion monthly challenge twice in 2018.
- Student poster presentation in ICACIE conference organized by SOA University.
- Academic achiever for securing highest marks in Computer Science in AISSCE 2017, D.A.V. east zone.

## EXTRACURRICULAR ACTIVITIES

- Student coordinator of CODEX (coding club of ITER).
- Generative Art in Photoshop and Processing.
- Actively volunteered in Blood Donation Camp held at ITER.