

# ARUN PRASAD MOHAN

arun98.mohan@gmail.com | (+91) 7708823476

## SUMMARY

Arun is a Third-year student pursuing Computer Science and Engineering aiming to achieve expertise in Creativity and Innovation to solve real world problems.

## EDUCATION

**Bachelor of Engineering in Computer Science and Engineering**  
Anna University, College of Engineering Campus, Chennai  
CGPA: 9.43 out of 10  
(Expected year of graduation-2020)

**Higher Secondary (10+2) | School Topper**  
Atomic Energy Higher Secondary School, Kalpakkam  
Percentage: 97.75

**Secondary | School Topper | CBSE Merit Certificate Holder**  
Atomic Energy Central School, Anupuram  
CGPA: 10 out of 10

## PROJECTS

**Pathway Echo Framework (PEF)**  
PEF is a project aimed at increasing Road Safety and reducing the time taken by the ambulances to reach the destination.

**Disaster Response Network (DRN)**  
DRN is an IoT project built using LoRa technology aimed at helping the disaster rescue forces navigate to the victim in a disaster zone with accuracy.

**Data Science Study for Disease Awareness, Central Drug Research Institute (CDRI) - CSIR, Lucknow**  
Part of the team of Research Interns involved in Collecting Data and Analysis of data on Parkinson's Disease.

## RESEARCH EXPERIENCE

**Indian Academy of Sciences, Summer Research Fellow (IASc-SRF), Tezpur University, India**  
A Deep Convolutional Neural Network was built to detect Lung Mass from Chest X-Rays and accuracy of over 95% was obtained.

## HONORABLE MENTIONS

Microsoft Student Partner  
Attendee, Google Developer Days, India  
Attendee, NVIDIA Developer Connect, Chennai  
Intern, INSPIRE Internship Science Camp  
Member of CEG Linux Users Group  
NSS Volunteer

## INTERNATIONAL STUDIES

**Honors in Artificial Intelligence and Data Science in Health Care**

Taipei Medical University  
Taipei, Taiwan

A fourteen-day International Honors focused on the application of Artificial Intelligence and Data Science in the field of health care. Topics like Brain Imaging, Medical Imaging, IoT in health care were discussed.

## SUMMER SCHOOL

Participated in the Sixth Undergraduate Summer School at the Department of Computer Science and Automation, Indian Institute of Science, Bangalore

## PROFESSIONAL MEMBERSHIPS

Association for Computing Machinery  
Student Member

## WORKSHOPS AND TRAININGS

- **In-Plant Training on Networking**  
Bharat Sanchar Nigam Limited
- **Image Processing, Computer Vision and Machine Learning**  
Madras Institute of Technology, Chennai
- **Image Processing using OpenCV**  
Robotics Club of CEG, CEG
- **Arduino & Bluetooth Interface**  
Robotics Club of CEG, CEG

## ACHIEVEMENTS

- Runners up, HITSATHON Hackathon, conducted by Hindustan University, Chennai
- Runners up, TEXUS Hackathon, conducted by SRM University at Orange scape Technologies, Tidel Park, Chennai
- First Prize in Code Sense, TEKONE '16, PSG College of Technology
- Consolation Prize at Inter Collegiate Debate, Southern Railways
- Participated in MIT Debating Tournament, MIT, Manipal
- Finalist at Science and Technology Quiz, INVENTE 2.0, SSN College of Engineering
- Started the Microsoft Campus Club of College of Engineering Guindy
- Former U-14 Athlete  
Gold Medalist in 100m, 200m in National Inter AECS Athletic Championships  
Semi-Finalist in CBSE Inter School Athletic Championships
- NCC Certificate 'A' Holder  
Scholarship from Cadet Welfare Society,

## RESPONSIBILITIES

- Student Director, Computer Society of Anna University
- Student Founder and President, Microsoft Campus Club of College of Engineering Guindy
- Student Representative, Department of Computer Science and Engineering, CEG
- Senior Officer of Finance, Capitalize
- Deputy Director and Junior Correspondent, Guindy Times