Bagadi Tarun Kumar

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EDUCATION

- **Indian Instituite Of Information Technology Guwahati** — Guwahati ,India
  Bachelor Of Technology in Electronics and Communication Engineering ; CGPA : 6.13/10 — 2015 – 2019

- **Sri Chaitanya Junior Kalasala** — Visakhapatnam, India
  Higher Secondary Education ; Percentage : 91.7 — 2013 – 2015

- **Bhashyam Public School Srikakulam** — Srikakulam, India
  Secondary Education ; CGPA : 9.2/10 — 2013

TECHINICAL SKILLS

- **Programming Skills** : C, Java, Python, Verilog, Matlab, Embedded C, Assembley
- **Operating System** : Windows, Linux ,Ubuntu, Centos
- **Software Tool** : Software Tools: Matlab, Code composer studio, HFSS, NI Labview, Multism , LTspice, Cadence, Atmel Studio 7.0, Keil uvision 4

PROJECTS

- **Velocity Consensus of Multiple Robots**
  Major Project Dr.Surajit Panja,IIIT Guwahati — *Aug 2018 - Nov 2018*
  The main motive of the project is to make all the robots attain same velocity. The communication among the robots is done by LCMLightweight Communications and Marshalling. **Robots used :** Fire Bird VI
  Programming language used : Python.

- **Gibbs Phenomenon**
  Course Project Mansoor Khan,IIIT Guwahati — *Aug 2016 - Nov 2016*
  The project was aimed at analyzing gibbs phenomen and method used to reduce gibbs phenomen using chebyshev filter and implement it using MATLAB. **Software used :** MATLAB

- **Double Threshold Energy Detection Method for Cognitive Radios**
  Course Project Dr.Kukil Khanikar,IIIT Guwahati — *Aug 2018 - Nov 2018*
  The project focused on spectrum sensing techniques for cognitive radio and observed the efficiency of Double Threshold Energy Detection in coperative spectrum sensing. **Software used :** MATLAB

WORSKSHOP AND TRAINING

- Attended Workshop on Digital Signal Processing (DSP) organized by Indian Institute of Information Technology Guwahati in association with EdGate.

- Attended Workshop on FPGA based system design organized by Indian Institute of Information Technology Guwahati in association with Coreel Technologies.

- Attended Workshop on ARM organized by Indian Institute of Information Technology Guwahati in association with Mapusoft Technologies.

POSITION OF RESPONSBILITY

- Core team member, YUVAAN 2017,2016,2015 annual techno-cultural festival, IIIT Guwahati.

- Student coordinator for ARM and FPGA Workshop organized at IIIT Guwahati.

STRENGTH

- Positive Attitude, Social Interaction, Hardworking.

INTEREST AND HOBBIES

- Listening music, LanGaming, Kabaddi,