

# Rajat Govekar | Senior Undergraduate

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Majoring in Electronics and Communication Engineering at National Institute of Technology Goa. Highly motivated with strong technical, business, and interpersonal skills for working in a team and successfully completing a project.

## Education

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- **National Institute of Technology,Goa** **2015-2019**  
◦ *B.Tech(Hons) Electronics and Communication Engineering , 8.7 CGPA*
- **Mushtifund Aryaan Higher Secondary School** **2013-2015**  
◦ *Class XII Examination(GBHSSE), 90.2%*
- **L. D. Samant Memorial High School** **2013**  
◦ *Class X Examination(GBHSSE), 92.33%*

## Work Experience

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- **Indian Institute of Technology,Delhi** **May-July,2018**  
◦ *Reserach Intern*
  - Worked on **Image Processing, Computer Vision and Machine Learning**
  - Main work was focussed on **3D Object classification using Neural Network**
  - Implemnted a hybrid network of **fisher vectors and neural network** to classsify 3D objects(ModelNet dataset)

## Skill Sets

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- **Programming Languages:** Proficient in: Python,C,C++, Matlab, Arduino, TeX  
Also basic ability with: Assembly,Verilog , Android
- **Industry Software Skills:** Matlab, Xilinx, LTspice, Android Studio,Cadence
- **Soft Skills:** Leadership, Interpersonnel Communication , Time Management.
- **Operating Systems:** Linux,Windows
- **Languages** English,Hindi,Marathi,Konkani and Sanskrit.

## Projects

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- **Smart System to Guide Patients** **March-April,2018**  
Team Leader, *FSOCIETY* *Smart India Hackathon, 2018*
  - Developed an app for **indoor navigation for patients in hospitals.**
  - App was built during Smart India Hackathon,2018 Grand Finale held at Kolkata under Ministry of Health and Family Welfare
  - The app won **5th place and KPIT Innovation Award at the Hackathon** among 50 teams that had been selected among 10,000 participants
- **Peer to Peer Communication using LORA** **April,2018**  
Group Member, *VIth Semester Project*
  - Implemented a peer to peer communication that sends encrypted messages using LORAWAN modules thus making it a private communication.
- **Stock Prediction using Twitter Sentiment Analysis** **October-November,2017**  
Group Member, *Vth Semester Project*
  - Developed a model that predicts stock prices based on twitter sentiments and modelling it as an LTI system based on past behaviours
- **Cell Phone Signal Jammer** **April,2017**  
Group Member, *IVth Semester Project*

Designed a circuit that blocks transmission of signals between a cell phone and a base station

## Awards and Achievements

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- **Stood 5th** in Smart India Hackathon Competition organised by MHRD and AICTE.(Team Leader)
- **Sponsorship Head** of Saavyas 2018, the annual techno-cultural festival of NIT ,GOA
- Coordinator and Founding Member of **QUANTA**, The quiz club of NIT GOA
- Secured All India Rank 32366(96.44)
- Secured All India Rank 18942(88.6)
- Represented Goa at **Bharat Ko Jano Quiz Competition** held in Madhya Pradesh