

# Aditya Rana

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## EDUCATION

### NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY

BTECH WITH

MAJOR- IN INSTRUMENTATION AND CONTROL ENGINEERING AND  
MINOR- IN COMPUTER SCIENCE AND ENGINEERING.

Expected May 2022 | Trichy, IN

Cum. GPA: 8.42/10

## LINKS

Github:// [ranaaditya](#)

LinkedIn:// [AdityaRana](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures And Algorithm

Operating System

Digital Electronics

Sensors and Transducers

### INDEPENDENT

Advanced Android Development

Basics of Blockchain.

## SKILLS

### PROGRAMMING

Over 5000 lines:

• Java • Go

Over 1000 lines:

• Kotlin • C++ • javascript

• Solidity

### FAMILIAR:

• Linux

• Android

• Google Firebase

• Google Maps

• Grpc

• Android Studio

• REST API

## EXPERIENCE

### DELTA FORCE | SOFTWARE DEVELOPER

Aug 2019 - Present | Trichy, IN

- Working as a part of Android App Team .
- Building app for tech and cultural fests for college .
- Represent NIT Trichy in various hackathons and open source programming contests.
- Responsible for maintaining the college website for Department of Instrumentation And Control Engineering.

### DWOC'19 | PROJECT MENTOR | OPEN SOURCE

Nov 2019- Present | Trichy

- Delta Winter Of Code is a winter long open source program organised by Delta Force. With an aim to support and improve the culture of open source software around us.
- Currently working as a Project Mentor of cross Platform Bill Splitting End User Application.

## PROJECTS

### FESTEMBER APP | RXJAVA | MVP | RETROFIT

Aug 2019 – Present | Trichy, IN

- Worked on the official app for Annual Cultural fest of Nit Trichy
- Written clean, clear code and pushed to production
- App was deployed by team successfully and is available at app playstore app playstore
- Downloaded and used by 5000+ active users during the fest over a period of 5 days

### SPYZIER | GOOGLE FIREBASE | MEDIA PROJECTION API | ANDROID STUDIO

Jun 2019-Jul 2019

- Parental Control Android app where parents can monitor the activity of child on android device.
- Based on client - server architecture and backend in firebase .
- Has features like remote viewing , location tracking , contact details , call logs , etc.
- Work on Non-Rooted phone as well

## EXTRAS

- Conducted Android App Dev workshop as a part of SENSORS annual department symposium attended by 200+ students from various colleges of south India
- Active member of a National Service Scheme which helps needy people in education and finances.
- Conducted Data Structures and Algorithms workshop for freshers , attended by 100+ students from various branches of college

## AWARDS

2015 top 0.2% Received letter of appreciation for being in top 0.2 perc in cbse board

## SOCIETIES

2018 - Present Student Member of International Society Of Automation (ISA)