

## Ann Kuruvilla

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### ACADEMIC DETAILS

Qualification	University	Institute	Year	GPA/%
M.Tech Computer Science	IIIT	IIIT,Hyderabad	2021	8.2/10
B. Tech Computer Science	Kerala University	College of Engineering Trivandrum	2017	8.36/10
Class XII	ISC	Sarvodaya Vidyalaya	2013	95.3%
Class X	ICSE	Sarvodaya Vidyalaya	2011	94.6%

### PROJECTS

- Developed a BitTORRENT based peer to peer file sharing system.A multi- threaded system with bi-directional transfer through multiple peers simultaneously supported with a backed up tracker. **2019**
- Developed a POSIX compatible shell supporting sub features of default shell. **2019**
- Developed a Distributed Hash Table that provides efficient lookup for any participating node in the network. **2019**
- E-Commerce Website Evaluation System . Sentimental analysis is done on user comments scraped using BeautifulSoup library, by implementing Vader Sentiment Analysis to give weightages based on positive, negative or neutral feedback.Imported NLTK modules to tokenize sentences. A compound rating is calculated for each E-commerce sites and best buy option is presented to the user. **2017**
- Done Applied Computer Science with Datastructures, Android Studio workshop conducted by Google. **2016**

### EXPERIENCE

- Mercedes Benz Truck's Instrument Cluster Unit POC Development  
Languages : Python, CAPL Scripting  
Tools: VECTOR CANOE, DTAA  
Description: Developed POC model for the Truck Fleet Management System,Infotainment System and Instrument Cluster unit of Benz trucks.Grabbing frames using frame grabber to process image when the truck is in motion and triggering CAPL scripts to read CAN signals. **2018**
- Anaplan Budget Modelling  
Worked on the preparation of Reporting models for Budgeting. Certified Anaplaner at Basic and Intermediate levels. **2017**

### TECHNICAL KNOWLEDGE

- Languages** : C++,Java,Python, Shell Scripting
- Database** :MYSQL
- Web** : Javascript
- Tools** : Android Studio, Anaplan, Tally.

### ACADEMIC ACTIVITIES

- Implemented LRU Cache, BTree, AVL Tree datastructures. **2019**
- Implemented External sorting,Order Statistics Tree,Suffix Array,Segment Tree,Trie. **2019**
- Comparison of Randomized and Deterministic algorithms **2019**
- Java Object Oriented features, Java Collections,JDBC , Multi-threading in Java, Exceptions in Java . **2017**
- Took a seminar on Overview of Big Data Privacy issues and security. **2016**