Sherin Ann Thomas

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Objective

To work in an organisation that will offer me challenging projects that would solve real world problems, and help me be a lifelong learner.

Experience

- Remote internship at TCS in Artificial Intelligence (present).
- Technical coordinator for RITU18, National level Techfest of RIT.
- Secretary of BUILD, programming club of Computer Science department, RIT.
- Technical coordinator for ENSEMBLE, Department fest of RIT.

Education

COURSE	INSTITUTION	YEAR OF PASSING	PERCENTAGE/CGPA
BTech (Computer Science and Engineering)	Rajiv Gandhi Institute of Technology, kottayam, kerala	2018	7.80
12th(CBSE)	Sacred Heart Public School and Junior college	2014	92.2
10th(CBSE)	Sacred Heart Public School and Junior college	2012	10.0

Technical skills

- **Programming Languages:** C, C++, Python, Java, JavaScript
- **Database:** MySQL, Oracle, MongoDB
- **Frameworks and Technologies:** AngularJS, Nodejs, Django, Unix, SDL
- **Tools:** Jetbrains, Visual Studio, Gitlab, Github
- **Web Development**
- **Data Science:** Recommender systems, Machine learning models

Achievements

- Project on Adaptive Scheduling in FreeRTOS got accepted into second round of National Student Project Awards by Computer Society of India (currently in progress).
- Was ranked 177th in Codevita VI, National level coding contest of TCS .
- Received best student award from the block panchayat in 2012.

Academic Projects and Seminar

- **Main Project: Adaptive Scheduling in FreeRTOS**
  Implementing adaptive scheduling in FreeRTOS and study the improvement in performance (currently in progress).
- **Mini Project: Movie Recommendation Engine**
  A content based recommendation engine that uses machine learning algorithms to give you personalised movie recommendation based on your previous ratings of different movies.
- **Seminar: Individual Differential Privacy**

Other Projects

- **Wikipedia Command Line Interface /easywiki**
  A web scraping project to build a python library anyone can use to access information from the wikipedia through the command line with ease.

- **Aptitude Test**
  A Django based Aptitude Test application, made for the college tech fest.

- **User based Collaborative filtering similarity measures library**
  Implementation of collaborative filtering similarity measures like Manhattan distance, Euclidean distance, Pearson correlation coefficient, cosine similarity etc.

- **Hard Tic Tac Toe**
  A tic tac toe game in C using SDL library.

- **Library App**
  A web application using mysql, django and materialize css to implement functionalities of a library.

- **Twitter Data Collector**
  An application to get information about users from Twitter API for further analysis.

References will be made available on request.