Tom Sabu

Student,IIIT Hyderabad

✆ (+91) 7736410489
✉ tmsabu20@gmail.com
❂ tomz005
🔗 tomsabu005

Education

2019 – Pre	**M.Tech**, *Computer Science & Enigineering, IIIT Hyderabad, India CGPA 9.0.*
2012 – 2016	**B.Tech**, *Department of Computer Science, Cochin University of Science & Technology,Kochi, CGPA 8.88.*
2012	**Intermediate**, *St. John's School, D.L.W.,Varanasi, 94.1%.*
2010	**Matriculation**, *St. John's School, D.L.W., Varanasi, 92.1%.*

Experience

2016 – 2018 Worked as **Software Consultant** for **Unisys India**.
- Developed a Windows application for the client to enhance the record retrieval process using .Net framework.
- Automated the storage of backup,recovery and log files using PowerShell.
- Provided Application Support for the resolution of application and system issues.

Course Projects

Monsoon 2019 **GDriveFS: Mounting Google Drive as a Filesystem using FUSE**
- Developed A user-space Python application that links against fusepy and maps the appropriate kernel calls to HTTP requests to Google Drive API and vice-versa.
- **Technologies used:** Python.

Monsoon 2019 **P2P File Sharing System**
- Made use of Socket Programming and Multi-threading to build a file sharing system which allows a user to download files from its peers after checking its status using a tracker which keeps a tab on the status of a peer along with the metadata of the files which a peer is willing to share.
- **Technologies used:** C++.

Monsoon 2019 **TomShell: POSIX compatible Mini shell**
- Implemented a subset of features of Linux Shell including basic shell operations such as directory operations,pipe and redirection.An history approach to keep track of the previously executed commands was also incorporated.
- **Technologies used:** C++.

Technical Skills

Programming C++, PYTHON, C, SQL