CST Option: Data Communications

0X7DD

Aman Abdulla

Join DataComm if:

You want to learn how to design software
You want to learn
You are not afraid to work hard
You want to be ready for work
You want to be creative

Avoid DataComm if:

You dont care what you learn
You want to just get by and not challenge yourself
Computers do not interest you
You dislike C or Linux

Major Projects

Term 3:

Terminal Emulator
Wireless Modem File Transfer
GPS using Raspberry Pi
RFC using an API
Industry Project

Term 4:

Linux Chat Program
Comm Audio media streaming
TCP/UDP protocol analyser
Android GPS application
Linux Class Project

What You'll Learn:

Term 3:

Windows System Programming
Windows Serial Programming
Software Design 1.0
Protocl Design & Implementation
Raspberry Pi Development
Wireless Data Transfer
RFC

Term 4:

Linux & Windows IPC
Software Design 2.0
TCP/IP Protocol Suite
Windows Sockets
Berkley Sockets
Android Development
Multicasting
Multimedia API
Client/Server Programming
Linux Administration
Whatever you would like

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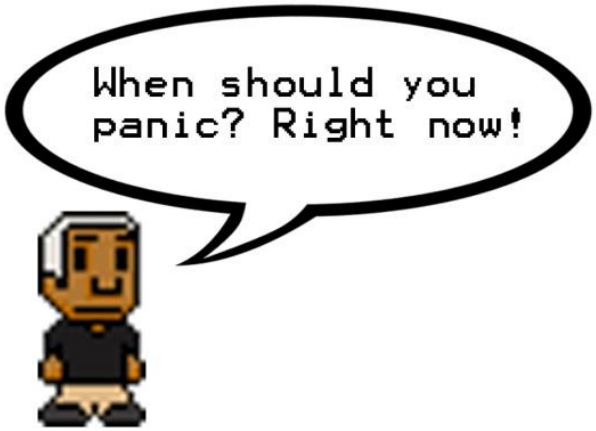
Valuable Lessons:

Teamwork is key. This option is all about teamwork. If you cannot work in a team, LEARN!

Be friends with the people in your set, they will be with you throughout the terms and it will benefit you if you help them.

Organize your life. The terms will get busy but if you are on top of things and work hard to finish early, you will survive.

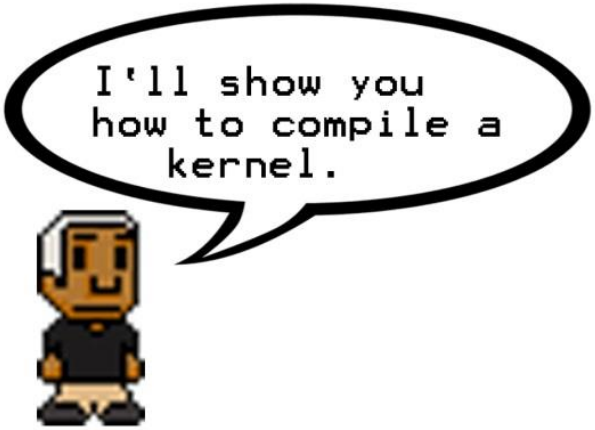


Be Humble. You are not as smart as you think you are and people in your set will know things you don't.

Test, test, test. Earlier the better.

Never Sleep() but make sure to sleep as much as you can.

Panic from day one. If you are not panicking from the start, you are in for a lot of trouble.



Ask questions all the time. Not everything will be told to you from the beginning and only when you question everything will you find the answer.

Have fun. Enjoy this as much as you can!