

## EDUCATION

### COLLEGE OF ENGINEERING CHERTHALA

B.TECH IN COMPUTER SCIENCE &  
ENGINEERING

2018-2022 | Alappuzha, KR  
CGPA(upto S5): 9.14 / 10.00

### ST. COLUMBA'S SCHOOL CLASS XII

2018 | New Delhi, India  
CBSE : 86.8%

### ST. COLUMBA'S SCHOOL CLASS X

2016 | New Delhi, India  
CBSE : 91.2%

## LINKS

Github:// [AmanThankachan](#)  
LinkedIn://  
[aman-thankachan-19a7871b6](#)

## COURSEWORK

### UNDERGRADUATE

Operating Systems  
Computer Networks + Practicum  
Computer Organization Architecture  
Compilers + Practicum  
Computer Graphics + Practicum  
Unix Systems

## SKILLS

### PROGRAMMING

Advanced:

C\C++

Proficient:

Java • SQL

• Javascript • Assembly

Familiar:

HTML\CSS • LaTeX

### TOOLS & UTILITIES

OpenCV • Git • Visual Studio

• Adobe Photoshop CS4

## PROJECTS

### DRIVER SAFETY ENABLER BASED ON OPENCV PYTHON

August 2020 – November 2020 | Alappuzha, KR

- The objective of the project is to use Computer Vision Techniques to detect the intricacies of a driver's face to ensure whether sufficient concentration is being maintained to ensure safe travel.
- The project employs Python with pip to use specific packages which include OpenCV(to detect faces), keras (to build classification model), Tensorflow (keras uses Tensorflow as backend) and Pygame.
- Platform: Python with pip to install packages which include OpenCV, Tensorflow, Keras and Pygame.

### ONLINE EXAMINATION SYSTEM | DATABASE PROJECT

Aug 2020 – October 2020 | Alappuzha, KR

- Implementation of an online educational system including exam processing and electronic journal
- Web-Technology: PHP.
- Front-end//Back-end: HTML,CSS,Javascript//MySQL features.

## RESEARCH

### UNDERGRADUATE RESEARCH SEMINAR

Protection of Privacy with growing applications of Big Data

## COURSES & INTERNSHIPS

### INTERNSHIP AT INDUSTRUS TECH CYBER SECURITY ETHICAL HACKING

September 2020 | Kerala, India

- Completed 8 days internship in Cyber Security & Ethical Hacking at Industrus Tech.

### COURSE BY IBM ARTIFICIAL INTELLIGENCE

- Completed detailed guide on Introduction to Artificial Intelligence by IBM.
- Acquired beginners knowledge about AI and present AI applications.

### GOOGLE CLOUD ENGINEERING PROGRAM

- Completed GCRP program provided by ASAP a Kerala Government in partnership with Google.
- Acquired theoretical practical working knowledge in Compute Engine, Network Managing and other Cloud Engineering system nuances.

## REFERENCES

### DR. VINU THOMAS PRINCIPAL

College of Engineering Cherthala

principal@cectl.ac.in

### DR. PRIYA S PROFESSOR & HEAD OF DEPARTMENT CSE

College of Engineering Cherthala

priya@cectl.ac.in