

AJITH KUMAR PANJA

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EDUCATION

B.E , Computer Science & Engineering College of Engineering Guindy, Anna University, Chennai	Aug 2017 - Present GPA: 8.46
HSC , BPCM Rose Mary Hr.Sec.School, Palayamkottai	Jun 2014 - Apr 2016 94.25%
SSLC , Rose Mary Hr.Sec.School, Palayamkottai	Jul 2013 - Apr 2014 97.40%

EXPERIENCE

Samsung R&D Bangalore , Machine Learning Intern	May 2020 - Jul 2020
• Researched on optimizing the size and accuracy of NLP models for IoT devices using Tensorflow Framework.	
Taipei Medical University, Taiwan , Research Intern	Dec 2019 - Jan 2020
• Developed a Machine Learning model to Predict Hospital Readmission and wrote a Research Paper.	
Department of Computer Science & Engineering , CEG , Research Intern	May 2019
• Worked on the Visualisation of Wind Data for weather analysis sponsored by Institute of Energy Studies, Chennai.	

PROJECTS

Grocery App

- Project Statement : An App for grocery shop slot booking and home delivery of groceries from local stores.
Developed a Full Stack Flutter App with Firebase Backend.

OpenCV Video Controller

- Project Statement : A Program which pauses the video if the user leaves or looking away from the screen and then plays when the user returns.
Created a Python Program with OpenCV library which detects the user's face to play and pause videos in both offline and online sites like YouTube, Netflix.

Covid-19 Statistics Web App

- Project Statement : A Web app showing the daily count of Covid-19 in user intractable Map form.
Used D3.js and Rest Api for Map wise interaction showing covid-19 cases.

GPA Chrome Extension

- Project Statement : Our College Results webpage doesn't have a GPA TextBox but many students preferred one.
Created a Chrome Extension which calculates the GPA and integrates it in the Result page like a Native one.

Sun Tracking Solar Panel

- Project Statement : To Build a motor which rotates the solar panel depending on the position of the sun.
Coupled the IR Sensors with Arduino to detect the Light intensity and made the motor to spin accordingly.

PUBLICATIONS

- Opinions regarding Virtual Reality among Older People in Taiwan, 2020.
Published at Proceedings of the 6th International Conference on Information and Communication Technologies for Ageing Well and e-Health.

CERTIFICATIONS

- TensorFlow in Practice (Specialization) , Deeplearning.ai, Coursera, July 2020
- Neural Networks and Deep Learning, Deeplearning.ai, Coursera, April 2020

SKILLS

Programming Languages: C, C++, Java, Python, Javascript , Dart

ML Framework: Tensorflow

Database and Client/Server Technologies: SQL, PHP

Software Tools: Matlab

Cross-Platform Framework: Flutter

VOLUNTEER WORK

- Volunteer, National Service Scheme : Aug 2017 - Jun 2018

LANGUAGES

- English, Tamil