

Teja Kummarikuntla

COMPUTER SCIENCE · STUDENT

Chennai, TamilNadu, India

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Education

Sathyabama Institute of Science and Technology

B.E. IN COMPUTER SCIENCE AND ENGINEERING

- Algorithms, Data-Structures, Theory of Computation, Networking, C,C++,Java

Chennai, TamilNadu, India

2017 - Exp. Aug. 2021

Narayana Group of Institutions

SENIOR SECONDARY EDUCATION

- Major in Mathematics, Physics and Chemistry

Hyderabad, Telangana, India

2015 - 2017

Publications

Blue Screen Effect with OpenCV [Chroma keying]

MEDIUM.COM

- Explained the workflow of code for chroma keying / blue screen effect with OpenCV

medium.com/@tejakummarikuntla

March. 2019

Camera Calibration with OpenCV

MEDIUM.COM

- Explained the concept of Image distortion and Camera Calibration with OpenCV

medium.com/@tejakummarikuntla

February. 2019

Automate GitHub Issues status of your organization with Web-hooks

MEDIUM.COM

- Explained Web-hooks and implementation with GitHub Issues

medium.com/@tejakummarikuntla

December. 2018

Experience

Developer Student Club[Google Initiative]

LEAD

- Learning and building communities to make a difference in the way we learn.

SathyabamaIST, chennai

February. 2019 - PRESENT

Positive Integers (Webpage)

DATA SCIENCE AND ANALYTICS INTERN

- Working on Data Processing and Modeling for Business Analytical Solutions

Chennai, TamilNadu

May. 2018 - PRESENT

Qube Cinema Technologies (Webpage)

SOFTWARE ENGINEER INTERN (LOGSHEET)

- Developed a service for receiving Issue Events information from GitHub Web-Hook and integrating it for an Internal tool.
- Designed and Developed an easy-to-use Command Line tool in python for enabling Issue Status Checks of repositories of an Organisation.
- Developed a feature for the server (Qube Wire Server) to Deauthorize the Theater/Partner appliance which utilizes Docker container, AWS stack, RabbitMQ, Redis. [Google Golang]

Chennai, TamilNadu

December. 2018 - Februray. 2019

Coffee Inc (Start-up company) (Webpage)

ANDROID DEVELOPER INTERN

- Developed an Android Application for Events Organised by Coffee Inc. [Android Native Java]
- Built a Feature for an Existing Android Application for Registration Validation using QR Code.

Chennai, TamilNadu

August. 2018 - October. 2018

Projects (GitHub)

Library Management API

This RESTful API built for Library Books Management with Google Golang.

Enable repo Status

CLI for Enabling request-status-checks GitHub-API

Blue Screen Effect

Green /Blue screen effect with OpenCV, chroma keying

Camera Calibration

undistorting a Distorted Image by calibrating camera with OpenCV

Road Lane Detection

Lane line detection of road, with OpenCV

Events Scheduler

Android Application for Events Scheduling built with Java and Kotlin

Dig my Mobile

Android Application for getting all the mobile details

Scholarships

2019	KPIT Udacity autonomous Tech Scholarship , Self-Driving Car Engineer Nanodegree program	Global
2018	Facebook Udacity Deeplearning Scholarship , Deeplearning with PyTorch	Global
2015	Merit Student scholarship , Narayana Group of Institutions	Domestic
2014	Merit Student scholarship , New Era High School	Domestic

Speaker

Facebook F8 Meet (Event Facebook Page)

PayPal, Chennai

COMPUTER VISION (SLIDES)

May. 2019

- Introduced to the field of Computer Vision and How computer understands an Image Data.

Utsav-2019 (Images)

Sathyabama, Chennai

UNDERSTANDING DATA SCIENCE (SLIDES)

February. 2019

- Introduced to the field of Data Science to many energetic students.

FnPlus Community (Webpage)

Payoda, Chennai

FACILITATOR FOR SELF-DRIVING CARS STUDY-JAM [MEETUP-PAGE]

March. 2019

- Understanding Self-Driving Cars [computer-vision]

Owasp | Null Chennai Chapter (Profile)

Athenahealth, Chennai

PRESENTER FOR SECURITY ADVANCEMENT RESEARCH>

April. 2018

- Introduced Machine Learning into Information Security

Presentation

Detection and Analysis of Diabetic Retinopathy using Deep Neural Networks (slides)

Chennai, TamilNadu

INTERNATIONAL CONFERENCE ON EMERGING PERSPECTIVES IN BIO-ENGINEERING AND BIOMEDICAL INFORMATICS

March. 2019

- Project is still under Development

Program Committees

2019	Facilitator and Writer , FnPlus Community (Webpage)	Chennai
2018	Organizer & Co-director , JetBrains	Chennai
2018	Community Development Volunteer , Google Developer Group	Chennai
2018	Volunteer , Null Owasp Chennai Chapter	Chennai

Certifications

Coursera **Machine Learning with TensorFlow on Google Cloud Platform Specialization**,
Coursera **Feature Engineering**,
Coursera **Discrete Mathematics for Computer Science Specialization**,
Coursera **Mathematical Thinking in Computer Science**,
Udemy **Google's go programming language**,
MSME **MSME Program of AI**,
UpGrad **Certificate of Learning Week**,

Honors and Awards

Winner

Altimetrik, Chennai

RUSH-2019 HACKATHON

March, 2019

- The statement we worked on: 'User data population from image to text | Powered by Fresh Digital Group'.

Best Presentation Award

Sathyabama IST

INTERNATIONAL CONFERENCE ON EMERGING PERSPECTIVES IN BIO-ENGINEERING AND BIOMEDICAL INFORMATICS

March, 2019

- At 'ICBBI'19' Presented Paper on 'Detection and Analysis of Diabetic retinopathy using Deep Neural Networks'