Teja **Kummarikuntla**

COMPUTER SCIENCE · STUDENT

Chennai, TamilNadu, India

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Edu**cation**

Sathyabama Institute of Science and Technology   *Chennai, TamilNadu, India*
B.E. IN COMPUTER SCIENCE AND ENGINEERING   *2017 - Exp. Aug. 2021*
- Algorithms, Data-Structures, Theory of Computation, Networking, C,C++,Java

Narayana Group of Institutions   *Hyderabad, Telangana, India*
SENIOR SECONDARY EDUCATION   *2015 - 2017*
- Major in Mathematics, Physics and Chemistry

Pub**lications**

Blue Screen Effect with OpenCV [Chroma keying]   *medium.com/@tejakummarikuntla*
MEDIUM.COM   *March. 2019*
- Explained the workflow of code for chroma keying / blue screen effect with OpenCV

Camera Calibration with OpenCV   *medium.com/@tejakummarikuntla*
MEDIUM.COM   *February. 2019*
- Explained the concept of Image distortion and Camera Calibration with OpenCV

Automate GitHub Issues status of your organization with Web-hooks *medium.com/@tejakummarikuntla*
MEDIUM.COM   *December. 2018*
- Explained Web-hooks and implementation with GitHub Issues

Exp**erience**

Imaginea Labs [Pramati Technologies]   *Chennai, Tamil Nadu*
DATA SCIENCE AND ANALYTICS INTERN   *December. 2019 - February 2020*
- Worked with Snorkel for Data supervision and labeling.
- Integrated Data labeling pre-processing with Groot(Chat bot)

Positive Integers (Webpage)   *Chennai, TamilNadu*
DATA SCIENCE AND ANALYTICS INTERN   *May. 2019 - June. 2019*
- Working on Data Processing and Modeling for Business Analytical Solutions

Qube Cinema Technologies (Webpage)   *Chennai, TamilNadu*
SOFTWARE ENGINEER INTERN (LOGSHEET)   *December. 2018 - Februray. 2019*
- 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 utilizies Docker container, AWS stack, RabbitMQ, Redis. [Google Golang]

Coffee Inc (Start-up company) (Webpage)   *Chennai, TamilNadu*
ANDROID DEVELOPER INTERN   *August. 2018 - October. 2018*
- 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.

Pro**jects (GitHub)**

Library Management API	This RESTful API built for Library Books Management with Google Golang.
Enable repo Status	CLI for Enabling request-status-hecks 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 PyTroch	*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*

UNDERSTATING 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'.

Winner *Sathyabama IST, Chennai*

DEEP LEARNING HACKATHON *July, 2019*

• The statement we worked on: 'Mosquito Breed Classification | Powered by MGH Labs, Chennai'.

Best Presentation Award *Sathyabama IST*

NTERNATIONAL 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'