TUSHAR PHARALE

INTERNSHIPS

Project Trainee
Indian Institute of Technology Delhi
06/2019 - 07/2019
Worked under the sponsored project "Collaborative Neuro-Engineering Platform for Excellence in Innovation and Translational Research" on project "Drilling Activity Recognition"

SKILLS

Programming Languages
- C   (Intermediate)
- Python   (Intermediate)
- C++   (Intermediate)
- Java   (Beginner)
- SQL   (Beginner)

Technologies

- Deep-Learning   (Intermediate)
- Machine - Learning   (Intermediate)
- Image Processing   (Intermediate)
- Web-Development   (Beginner)

Frameworks
- PyTorch   (Intermediate)
- Open3D   (Beginner)
- MySQL   (Beginner)

PROJECTS

Depth Densification By Estimating Depth From RGB And Sparse Sensing
Jan 2020 - present
- Samsung PRISM Project
- Deep learning approach for Depth Densification using sparse depth and RGB image
- Model trained on DGX-1-8x-V100 Tesla GPUs
- Tools and Technologies: PyTorch , Docker

CONTACT

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TRAINING

A Short Course On 3D Computer Vision
IIIT, Hyderabad
Feb 2020 - Feb 2020

EDUCATION

B.E in Computer Science
CGPA: 9.17
KLE TECHNOLOGICAL UNIVERSITY | Hubli
2017 - Present

PUC in Science
Percentage: 90%
KLE's B K PU College| Chikodi | 2017

SSLC
Percentage: 94.4%
KLE's PRC Secondary School | Galataga | 2015

Predicting response time of Paris Fire Brigade vehicle
Oct 2019 - Dec 2019
- Kletech Data Mining project hosted on Challenge Data platform.
- Main task is to predict the delay between the selection of a rescue vehicle and the time when it arrives at the scene of the rescue request
- Tools and Technologies: SK-Learn, Python, Pandas

Developed An Android Application for Extracting Sparse Depth from ARcore
Jul 2020 - Present
- Kletech Major Project
- Collecting set of 3D points and projecting onto 2D Screen using ARcore API Android
- Tools and Technologies : Android Studio , PyTorch Mobile

ACTIVITIES

- Samsung PrismGlanz Finalist
- 1st place in IEEE 2.0 coding challenge.
- 4 star coder on Codechef. [Link]
- 5 star problem solving coder in Hackerrank [Link]
- Attended NCVPRIPG 2019 conference held at KLE Technological University, Hubballi.
- Attended CVG winter workshop 2018/19 at KLE Technological University, Hubballi.
- Conducted CVG winter workshop 2020 at KLE Technological University, Hubballi.

LANGUAGES KNOWN

- English - Professional proficiency
- Hindi - Intermediate proficiency
- Kannada - Native proficiency