

SURYANARAYANA MURTHY MUDDALA

TECH INTERESTS

TeleCommunication, Computer Vision, Machine Learning, 3D Video, Pattern Recognition and Signal Processing.

WORK EXPERIENCE

TietoEvr , Umeå, Sweden

Position: SW-Developer (Current)

Developing and improving Telecom Systems.

Cipherstone Technologies , Goteborg, Sweden

Position: Consultant in Computer Vision and Machine Learning

Investigate and develop a weather detection model to compensate for luminance estimation.

Smart Eye, Goteborg, Sweden

Position: Developer in Deep Learning and Computer Vision (November 2018 – Feb 2020)

Zenuity (Client Veoneer), Goteborg, Sweden

Position: Developer in Computer Vision

Developing a model and testing Lane marking interpolation method.

Team member in developing and testing a free space detection method.

Facebook (PRO Unlimited Global Indian Private Limited), Bangalore, India)

Position: Tech. Coordinator in Computer Vision and Machine Learning

Investigating various data imagery and extract core features using different ML models.

Mid Sweden University, Sundsvall, Sweden

Position: Graduate Researcher (March 2011 - August 2015)

Blekinge Institute of Technology, Karlskrona, Sweden

Position: Research Student (August 2009- Jan 2011)

Investigating the possibilities for 3D video and image in handheld devices.

Investigating different types of active noise control systems to reduce noise in radial fans.

Blekinge Institute of Technology, Karlskrona, Sweden

Position: Teaching Assistant (May 2009 - June 2009)

EDUCATION	PhD Computer and System Sciences, Dissertation: “Free View rendering for 3D Video – Edge-Aided Rendering and Depth-Based Image Inpainting
	MS Electrical Engineering, Signal Processing Thesis: “Active Control of Radial fan”
	Bsc Electronics and Communication Engineering,
COMPUTER SKILLS	C, C++, Python Open Source Computer Vision (Open CV), Tensorflow and keras
AWARDS	Best Paper Award , 2017 Best Student Paper Award , 2013 Best Student Project Award , 2009
PUBLICATIONS	All the publications are listed in Google scholar https://scholar.google.com.sg/citations?user=dyMM7f8AAAAJ&hl
LANGUAGES	Telugu : Native Language English : Fluent Swedish : Intermediate Hindi : Basic https://suryanm-muddala.github.io/
OTHER	Reviewer to the Journal of Visual Communication and Image Representation