

Russel Dsouza

CONTACT INFORMATION Electronics and Communications Engineering
National Institute of Technology Karnataka
NH 66, Srinivasnagar, Surathkal, Karnataka 575025

RESEARCH INTERESTS My general interest is to
Keywords: Computer vision, Augmented reality, Medical imaging, Neuroscience

EDUCATION **National Institute of Technology Karnataka (NIT Karnataka)**
Bachelor of Technology, Electronics and Communications Engineering

RESEARCH PROJECTS ***Winter Research Intern, Deep learning lab, NIT Karnataka***
Segmentation of nuclei in histopathology images of kidney tissues
Mentored by Dr. Shyam Lal

Summer Research Intern, Deep learning lab, NIT Karnataka
Segmentation of nuclei in histopathology images of kidney tissues
Mentored by Dr. Shyam Lal

SKILLS Computational tools: MATLAB
Programming languages: C++, Python, Javascript, Rust, C, Verilog, SPICE
Software packages: Pytorch, OpenCV, Pandas
Natural languages: English (proficient), Hindi (proficient)

NOTABLE PROJECTS ***Nuclear segmentation of histopathology images***
– The objective of this work was to
– I did
– The model achieved

Detecting Ponzi schemes in Ethereum smart contracts
– Built a custom model using CNNs and stacked autoencoders and trained.

Predicting truth level of news articles
– Built a classifier and trained it on the LIAR-PLUS dataset to classify news articles into 6 different categories b