

Russel Shawn Dsouza

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Education	National Institute of Technology , Karnataka, India <i>B.Tech in Electronics and Communications Engineering</i>	2017-2021 GPA: 8.77
	Little Rock Indian School , Karnataka, India <i>K-12</i>	2004-2017 GPA: 10.0(2015), 95.8(2017)
Projects	Detecting Ponzi Schemes in Ethereum Smart Contracts Using compiled EVM bytecode, solidity sourcecode to generate attributes and classify ponzi schemes Fake News Detector Using the recent LIAR-PLUS dataset to detect fake news Nuclei Segmentation Segmentation of images of kidney tissue slides to detect kidney cancer Spell Checker A spelling checker written in pure C Blockchain Elections Using solidity and Microsoft Azure Blockchain workbench for secure, reliable elections in blockchain	
Computer Skills	Languages: Python, C, JavaScript, Verilog, L ^A T _E X Domains: Signal Processing, Image Processing Web Development: Django, React, JavaScript Applications: Microsoft Azure, Google BigQuery, Xilinx Vivado Operating Systems: MacOS, Linux	
Relevant Courses	Digital Signal Processing, Digital System Design, Embedded System Design	
Experience	Research Intern <i>under Dr. Shyam Lal, NITK</i> Worked on segmentation of images of H&E stained histopathology kidney images to detect kidney cancer. Frontend Developer <i>IRIS, NITK</i> Worked on building the frontend for the official student management website used by more than 10k people in the college. Python Developer <i>Pinnacle Media</i> Studied face detection and recognition using Scikit-learn on Raspberry Pi	May 2019 - July 2019 Karnataka, India August 2018 - April 2018 Karnataka, India May 2018 - July 2018 Karnataka, India
Interests	Computer Vision, VR, AR, Embedded Systems, Reinforcement Learning	