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Education	National Institute of Technology Karnataka , India <i>B.Tech in Electronics and Communications Engineering</i>	2017-2021 CGPA: 8.7
	Little Rock Indian School , Karnataka, India <i>K-12</i>	2004-2017
Notable Projects	Computational Histopathology Built a supervised learning based model in PyTorch to perform the segmentation of nuclei in H&E stained histopathology images of kidney tissues to detect kidney cancer	
	Detecting Ponzi schemes in Ethereum smart-contracts Used a semi-supervised learning based model, built using PyTorch and torchtext, on raw bytecode of Ethereum smart contracts mined using Google BigQuery, to detect Ponzi schemes.	
	Detecting fake news using deep learning Built a classifier using PyTorch and torchtext to identify the truth level of news articles from verified facts and statements.	
	Face detection and recognition Implemented real-time face detection and recognition using OpenCV, scikit-learn and dlib on a Raspberry Pi.	
Technical Skills	Languages: Python, MATLAB, Rust, C, Verilog, JavaScript Frameworks/Libraries: PyTorch, torchvision, scikit-learn, OpenCV Web development: Django, ReactJS, GatsbyJS Tools: git, Docker, Linux, Google BigQuery, Xilinx Vivado, L ^A T _E X Hardware: Xilinx Artix 7 FPGA, Arduino, Raspberry Pi	
Experience	Research Assistant under Dr. Shyam Lal, NITK Working on the design and development of an automated kidney cancer detection system from H&E stained histopathology images.	Nov 2019 - Present Karnataka, India
	Research Intern under Dr. Shyam Lal, NITK Worked on reproducing state-of-the-art deep learning architectures for the semantic segmentation of H&E stained histopathology images of kidney tissues.	May 2019 - July 2019 Karnataka, India
	Frontend Developer IRIS, NITK Worked on building the frontend for the official student management portal 'IRIS' with more than five thousand daily active users including students, faculty, administrators and alumni. Mentored a freshman intern on frontend testing using JavaScript.	August 2018 - April 2019 Karnataka, India
	Python Developer Pinnacle Media, Manipal, India Worked on implementing real-time face detection and recognition using OpenCV, dlib and scikit-learn on Raspberry Pi	May 2018 - July 2018 Karnataka, India
Interests	Neuroscience, Computer Vision, Neuromorphic computing, Cybernetics, and Augmented Reality	