

**HEMLATHA PANDEY**

Course : M.E., Computer Science, 2022
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Mobile : 9958396376
CGPA : 8.25



ACADEMIC DETAILS					
COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
UG	Computer Science	Maharaja Surajmal Institute of Technology	Guru Gobind Singh Indraprastha University, New Delhi	8.75 CGPA	2020
CLASS XII	SCIENCE	Lal Bahadur Shastri, R K Puram, New Delhi	CBSE	93 %	2016
CLASS X		Army Public School No. 2, Roorkee, Uttarakhand	CBSE	10 CGPA	2014
Subjects / Electives		Object Oriented Programming, Operating Systems, Compiler Design, Digital Electronics and Logical Design, DBMS, Theory of Computation, Advance Operating Systems, Real Time Systems, Computer Organization and Architecture, Advance Computer Networks, Data Structures, Computer Networks, Research Practice, Advance Algorithms and Designs, Algorithms			
Technical Proficiency		Java, Data Structures, Algorithms, C Programming, HTML + CSS, JavaScript, SQL Database, Git, LaTeX, Machine Learning, Github			
SUMMER INTERNSHIP / WORK EXPERIENCE					
Web Development Intern, The School Social			Feb 2020 - Aug 2020		
Updating website content, making landing pages for registration, payment portals, events page using HTML, CSS, JavaScript, PHP and MySQL					
Summer Intern, IIT Roorkee			Jun 2019 - Jul 2019		
Worked on a Machine Learning project which focuses on using machine learning algorithms to build a model for predicting the NBA game outcomes.					
PHP Developer Intern, Trelos IT Solutions (OPC) Pvt. Ltd.			Dec 2018 - Feb 2019		
Contributed in all phases of the development lifecycle of building Learning Management Systems.					
PROJECTS					
Intrusion Detection System using Deep learning for Software Defined Networks(SDN) - Network Security			Mar 2021 - Jun 2021		
Using Deep Learning models trained on IDS dataset to classify network traffic passing through SDN controller Ryu. SDN topology is simulated locally and tested with the trained model.					
Gaze Estimation using Deep Learning and Wearable Camera - Deep Learning, Image Processing			Feb 2021 - Present		
This project implements a Convolutional Neural Networks model to predict eye region landmarks and Gaze direction using synthetic eye images for training and images from wearable camera for real-time detection.					
Portfolio Website - Web Development			Feb 2020 - Feb 2020		
https://hemlathapandey3.github.io/portfolio_website/ Profile Website					
Predicting NBA Games Winner - Machine Learning			Jun 2019 - Jul 2019		
Using Machine Learning models to predict the winner of NBA games.					
EXTRA CURRICULAR ACTIVITIES					
Athletics Best Athlete of College 2016-17 Basketball National Basketball Player - Under 16 Uttarakhand. Captain of College Basket Ball Team Dramatics Head of Dramatic Society of the MSIT - Aarambh					
LANGUAGES KNOWN					
English, Hindi					