Vishal Sharma

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EDUCATION

BML MUNJAL UNIVERSITY
B.Tech in Computer Science
Expected May 2021 | Gurugram, IN
GPA: 8.34/10

LINKS

LinkedIn:// **makeavish**
Github:// **makeavish**
ICPC:// **makeavish**
CodeChef:// **makeavish**
Codeforces:// **makeavish**

SKILLS

PROGRAMMING
C/C ++ • Python • Java
Familiar:
MongoDB • Git • Flask
Shell • JavaScript• Node

COURSEWORK

UNDERGRADUATE
Design and Analysis of Algorithms
Information Retrieval
Software Engineering
Image Processing
Artificial Intelligence
Discrete Mathematics
Probability and Statistics
Operating Systems
Database Systems
Computer Networks
Object-Oriented Programming

INDEPENDENT
Deep Learning in PyTorch (Udacity)
Android Developer Basics (Udacity)
Data Analytics in finance using Python (Udemy)
C++ With DS (Coding Ninjas)
Complete Python bootcamp (Udemy)
Complete Web development bootcamp (Udemy)

MORE ABOUT ME

Minimalist • Avid Reader • Planner
I love
Podcasts • Chess • Open source

EXPERIENCE

EPLANE.AI | Deep Learning Intern
May 2019 – July 2019 | IIT Madras | Chennai, IN
- Built an Actor-Critic Reinforcement Learning model for Autonomous Drone
- Implemented part of VLocNet for localization of Drones
- Stack Used: Tensorflow, Sklearn, PyTorch, Docker, Linux

BALNC CARE LTD. | Machine Learning Intern
Feb 2019 – April 2019 | Remote | Gurugram, IN
- Worked on a Machine Learning model of Pose Estimation
- Implemented a RNN model to predict pose.
- Stack Used: OpenCV, Python, Sklearn, Pandas, PyTorch

PROJECTS

SKIN CANCER PREDICTOR
July 2020 | https://github.com/makeavish/SkinCancerPredictor
- Built a flask web app to predict skin cancer
- Used transfer learning(InceptionV3 model) for classification

ENCRYPTED NEURAL NETWORKS
April 2020 – May 2020 | https://github.com/piyush14298/Homomorphic-Encryption-for-Training-Nueral-Networks
- Trained a XOR Neural Network on Encrypted Data (Achieved 81% accuracy)
- Used Somewhat Homomorphic Encryption system proposed by Zhou and Wornell

QBOX, QMONEY AND QCHARM
February 2020 – April 2020 | https://criodo.github.io/Crio-Launch-Feb-2020-makeavish786/
- QBox - Created a service like Dropbox using Vsftpd
- QMoney - Worked on backend of a stock portfolio management application
- QCharm - Built an online text editor
- Improved performance by using hybrid data structures and algorithms
- Used bash scripts, REST APIs, Java

RESEARCH ASSIST
October 2019 – November 2019 | https://github.com/makeavish/ResearchAssist
- Implemented Focused Crawler to build a research paper search engine
- Focused Crawling helped reduce search time and improved efficiency
- Implemented using Python and its libraries like BeautifulSoup, NLTK, request, PyPDF

AWARDS

2020		Ranked in top 100 (120,000+ participants) Hackwithinfy2020
2020		Won College SIH Hackathon and Qualified for SIH Finals
2020		Qualified for Crio Launch program
2019	37/106	ACM ICPC Kanpur Regional Round
2019	179/4441	ACM ICPC Online Round
2018	1/40	Alibaba Tianchi NLP Hackathon