Vishal Sharma

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EDUCATION

BML MUNJAL UNIVERSITY
B.Tech in Computer Science
Expected May 2021 | Gurugram, IN
GPA: 8.42/10

LINKS

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

SKILLS

PROGRAMMING
C/C ++ • Python • Java
Go• Ruby• Javascript
Tools:
MongoDB• Redis• k8s
Postgres• Docker• Git
MySQL• Shell• Flask

COURSEWORK

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

INDEPENDENT
Programming with Go (Coursera)
Deep Learning in PyTorch (Udacity)
Android Developer Basics (Udacity)
Data Analytics in finance (Udemy)
C++ With DS (Coding Ninjas)
Complete Python bootcamp (Udemy)

MORE ABOUT ME

Minimalist • Avid Reader • Planner
Podcasts • Chess • Open Source
Solved 1000+ problems on Online Judges

EXPERIENCE

OKCREDIT | Software Engineer Intern
Aug 2020 – Present | Remote | Bengaluru, IN
- Contributed to a microservice which handles 500k+ rpm traffic
- Saved 1167 hrs of internal teams by improving efficiency of internal tools
- Improved a microservice latency by 4x and reduced CPU usage by 3x
- Won "Ace of Impacts" award in OkHackathon 2.0
- Stack: Go, Postgres, Js, Retool, Ruby, Redis, GCP

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: Tensorflow, Sklearn, PyTorch, Docker, Linux

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

PROJECTS

E-NIDAAN | COVID-19 risk assessment and predictor tool
Aug 2020 - Present | medrxiv.org/content/10.1101/2021.03.02.21252269v1
- Developed an COVID-19 risk assessment tool and COVID-19 predictor tool based on Chest X-Rays
- Deployed these models using Django framework, Python, HTML, CSS.
- Achieved Accuracy of >98%

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
- Upgraded 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 enhanced efficiency
- Developed using Python and its libraries like BeautifulSoup, NLTK, request, PyPDF

AWARDS

Year	Rank	Award
2020	100/167,000+	Reached HackWithInfy 2020 Finals
2020	4/144	Won at college and qualified for Smart India Hackathon Finals
2019	37/106	ACM ICPC Kanpur Regional Round
2019	179/4441	ACM ICPC Online Round
2018	1/40	Alibaba Tianchi NLP Hackathon