

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](#)

CodeChef:// [makeavish](#)

Codeforces:// [makeavish](#)

Github:// [makeavish](#)

ICPC:// [makeavish](#)

COURSEWORK

UNDERGRADUATE

Design and Analysis of Algorithms

Information Retrieval

Software Engineering

Artificial Intelligence

Discrete Mathematics

Probability and Statistics

Operating Systems

Database Systems

Computer Networks

Object-Oriented Programming

INDEPENDENT

Deep Learning in PyTorch by Facebook
(Udacity)

Android Developer Basics by Google
(Udacity)

Data Analytics in finance using Python
(Udemy)

C++ With DS (Coding Ninjas)

Complete Python bootcamp (Udemy)

SKILLS

PROGRAMMING

C ++ • Python • Java

Familiar:

C • Shell • MySQL

Android • Git

INTERESTS

Apart from coding I play chess, read books, listen to podcasts and practice yoga and meditation.

EXPERIENCE

EPLANE.AI | DEEP LEARNING INTERN

May 2019 – July 2019 | IIT Madras | Chennai, IN

- Worked on Reinforcement Learning model for Autonomous Drone
- Implemented state of the art deep learning research papers for localization of Drones
- Stack Used: Tensorflow, Sklearn, PyTorch, Docker

BALNC CARE LTD. | MACHINE LEARNING INTERN

Feb 2019 – April 2019 | Remote | Gurugram, IN

- Worked on a Machine Learning model of Pose Estimation and implementing state of the art research papers
- Stack Used: OpenCV, Python, Sklearn, Pandas

PROJECTS

QBOX AND QMONEY

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
- 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 finding search engine
- Focused Crawling helped reduce search time and improved efficiency
- Implemented using Python and its libraries like NLTK, request, PyPDF

FOOD DETECTION WITH LABELED BOXES

April 2019 | https://github.com/makeavish/japan_food_detection_using_yolo

- Identified 100 different food items of UEC food dataset
- Used Yolov2 with 24 CNN layers

SHARE PRICE PREDICTION

September 2018 – November 2018 |

<https://github.com/makeavish/GoProPrediction>

- Implemented Monte Carlo Simulation to predict stock prices of GoPro in next 1000 days
- Used geometric brownian motion to model stock prices
- Implemented using Pandas, NumPy and Matplotlib libraries of python

AWARDS

2020

2020

2020

2019 37/106

2019 179/4441

2018 1/40

Ranked in top 100 (120,000+ participants) Hackwithinfy 2020

Won College SIH Hackathon and Qualified for SIH Finals

Qualified for Crio Launch program

ACM ICPC Kanpur Regional Round

ACM ICPC Online Round

Alibaba Tianchi NLP Hackathon