Anushka Wakankar

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Education

B.Tech in Computer Science and
Engineering IIIT Hyderabad | 2021

ICSE(2015) and ISC(2017)
GEMS Modern Academy Dubai
ICSE 96.6 % | ISC 97.5 %

Skills

Programming : C, C++, Python, R,
Java, Apex, SOQL, SQL, NodeJS,
NeO4J, Cypher, ReactJS

Misc : HTML/CSS, Bash Scripting,
Protege, OOP, Salesforce Platform
Basics

Computational : Matlab, RStudio, MS
Office, LaTeX

Courses

Algorithms, Data Structures,
Operating Systems, Graphics,
Database Systems, Digital Image
Processing, Number Theory and
Cryptology, Computer Networks,
Statistical Methods in AI, Software
Engineering

Interests

Computer Vision
Image Processing
Databases
Languages and Etymology

Engineering Projects

Jan-Apr '20   Building an ontology for data Structures and Algorithms

Built an ontology from scratch using Neo4J and Cypher.
Affiliated with SERC lab.

Oct-Nov '19   Poisson Matting on Images

Seamlessly changing the background of images with varying
alpha values of the pixels using poisson matting and a few refinement
tools.

Sept '19   Classification of Faces

Classification of images from various databases containing
faces(both human, and caricature) into various categories related to
age, gender, occupation etc.

Apr '19   HTTP Proxy

A multi-threaded program written in Python which proxies HTTP
requests and forwards them. It also supports simple caching of
requests.

Mar-Apr '19   Xtreme Tic Tac Toe Bot

A competitive bot for the game Xtreme Tic Tac Toe using Python.

Mar '19   Automation of Slide Matching

Automated the mapping of noisy images obtained from a video
presentation to the ground truth slides.

Feb-Mar '19   OpenGL and WebGL games

-A 3D flight simulator in a world consisting of volcanoes, laser
beams and various check- points. Made using OpenGL
-The classic game Subway Surfer implemented using WebGL.

Sept-Oct '18   E-Commerce Store App

Developed an e-commerce app for the Indian organization -
Krishiyog. Project consisted of a webapp to be used by admins, and
an android app to be used by users.

Work Experience

2019   Freelancer at Toppr Technologies
Wrote scripts and created videos to teach Python and basics of com-
puters to college students. Worked with the Govt of Tamil Nadu to
incorporate basic Computer Science into their state syllabus.

Achievements

- Was a part of one of the 10 teams selected nationwide to participate in an Amex
Make-a-thon.
- Was part of one of the 30 teams selected nationwide to participate in a ServiceNow
mentorship program
- Uber Idea Hackathon: Was one of the 40 students nationwide, selected for an idea
hackathon at Uber's Bengaluru office
- 2400/2400 in SAT2: Scored 800/800 in the three SAT2 subjects of Physics,
Chemistry and Advanced Mathematics. Ranked in the 99th percentile.
- 1550/1600 in SAT1: Scored 800/800 in SAT1 Mathematics and 750/800 in SAT1
English. Ranked in the 97th percentile.