Anushka Singh

anusingh@umass.edu | https://www.linkedin.com/in/anushkasinghtech/

Education

BS in **Computer Science**	College of Information and Computer Sciences at **University of Massachusetts, Amherst**
Expected Graduation	**May 2023**
GPA	**4.0**
Dean's list	Awarded for Fall 2019, Spring 2020
Chancellor's Award	$14k Scholarship every year awarded to exceptional Out of State students
Relevant Coursework:	Programming Methodology, Introduction To Computation (Discrete Math), Data Structures, Calculus (I, II, III), Linear Algebra

Professional Experience

Software Engineering Intern **Software Services Delivery & Beyond** June '20 – July '20

- Developed serverless Lambda architecture using Amazon Web Services for updating and making real time changes in database of users (hosted on DynamoDB) for a full stack virtual convention application.
- Integrated various features by using AWS Simple Notification Service, AWS Cognito for authentication and login, and AWS Simple Queue Service for displaying real time changes visible from updates made to DynamoDB data.
- Researched which AWS service would correctly fit implementation needs and contributed to constructing the cloud architecture maps.

Open Source Developer **Google DSC, UMass Amherst Chapter** May '20 – August '20

- Contributed to Social Insights, *a big data project focused on sentiment analysis of political and social conversations on Twitter.*
- Converted existing React.js frontend to Django to increase efficiency by having a purely Python based framework to better merge with the NLP and search engine written in Python.
- Developed landing page for the web app and connected it to other views for deployment

Personal Projects

Hav.IT—Founder and Developer Feb '20—Present

A mobile application, programmed in Java using Android Studio, for college campus users to seek help from their student community by requesting items needed in an emergency.

- This project won Best Use of Google Cloud at HackHer 413 in February '20 and was a Semi Finalist for the Innovation Challenge by the Isenberg School of Management for receiving an investment.
- Programmed the app's signup and login functionality and integrated Firebase
- Conceptualized the idea and implemented the app flow accordingly

Small Art Big Support July '20

A web app to connect local businesses with artists in their community to help them find work during the pandemic. Developed at HobbyHacks by Tech Together, Boston. *(https://devpost.com/software/small-art-big-support)*

ConnectWith Oct '19

A tool to make connecting on LinkedIn more productive and useful developed at HackHarvard 2019.
(https://devpost.com/software/hackharvard19)

Leadership & Activities

Counter Speech Fellow **Instagram and YLAC India** Oct '18—Dec '18

- Selected from over 300 students across Bangalore and Mumbai
- Created artworks for reducing hate speech and promoting inclusivity. Awarded the Team of the Month and post of the week awards.

Head Girl Student Council **Delhi Public School** 2017-2018

- Elected representative of a school of +7000 students. Founded a Peer Counselling Team and nominated as Student Representative for the Child Protection Committee for the same.

Technical Skills

Languages: Java, Python, JavaScript, C++   Technologies: AWS Lambda, Google cloud, Firebase, Git, React.js, Flask, Django