

ANISHA JAIN

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EDUCATION

National Institute of Technology, Warangal

Bachelor of Technology, Computer Science and Engineering

Institute Merit Scholarship Recipient (for all academic years) | CGPA 9.06/10

Warangal, India

2017-21

EXPERIENCE

Microsoft

Software Engineer

Hyderabad, India

June 2021 – Present

Working on improving the **threat protection framework** to facilitate agile deployment and experimentation of the **machine learning models** used for spam/phish detection during mail flow.

Software Intern

May - July 2020

Researched to support **offline capabilities for Microsoft Teams** web apps on the mobile platform. Seamlessly integrated the capability for Offline Read flows in **Android** Teams application.

Software Intern

May - July 2019

Collaboratively developed an **Intranet app** for Microsoft Teams to **reduce** context switch time by **70%**. Well versed with the Teams platform and its capabilities of bot-framework, adaptive cards and messaging extensions.

G-Bit Studios (a game development startup)

Warangal, India

Game Programmer

Feb - July 2019

Developed and published games on **play store** - [Orbit Rush](#) and [Revenge of the Sudoku](#). Worked on **Unity**.

Indian Institute of Science, Bengaluru

Bengaluru, India

Research Intern (Advised by [Dr Amarjot Singh](#), Founder & CEO, SkyLark Labs, and Dr Onkar, IISc)

May - June 2018

Performed data augmentation and processing for curation of dataset from 2400 odd shot videos. Designed a dropout regularized 3D-ResNet model for gender classification of humans based on gait in the absence of discernible features. Worked on **TensorFlow** and **PyTorch**.

PUBLICATIONS

A. Singh, A. Kumar and A. Jain, "Bayesian Gait-Based Gender Identification (BGGI) Network on Individuals Wearing Loosely Fitted Clothing", **IEEE/CVF International Conference on Computer Vision Workshop (ICCVW)**, 2019, pp. 1828-1835, doi: 10.1109/ICCVW.2019.00227. <https://ieeexplore.ieee.org/document/9022070>

PROJECTS

A Hybrid Blockchain Architecture for secure and accountable online auctions ([link](#))

Sept 2020

Undergraduate Thesis | **NIT Warangal** (Advised by [Dr Padmavathy](#), Dept of CSE)

Designed and implemented a **Hybrid Blockchain** system for Online Vickrey auction – using public and private blockchain for dedicated responsibilities, benchmarked using Calipers.

Binge List

July 2020

Software Product Sprint ([link](#)) | **Google**

As a part of **Google's APAC Software Product Spirt**, a program for selected 70 students from across India, developed a web application to create binge lists from a collection of movies, web shows, books and add reviews, using **Java**, **JavaScript**, **HTML**, and **CSS**, leveraging **AppEngine** and **Datastore**.

Spark AR Applications ([link](#))

Sept 2019

AR Open Program | **The School of Innovation from Facebook**

Built and published AR effects for Instagram and Facebook. Developed an AR effect for [Zostel](#) as part of capstone project.

SKILLS

Programming Languages – C, C++, C#, Java, Python, HTML5, CSS, JS, Go, Solidity

Frameworks – Django, Pytorch, Tensorflow, .NET, Spark, Hyperledger-fabric

Misc. – PostgreSQL, MongoDB, CouchDB, Raft, Git, Docker, Blender, Calipers

RESPONSIBILITIES

-**Training and Placement Coordinator** | CCPD, NIT Warangal – Coordinated placement and internship drives for about 2000 students.

-Additional Secretary | Computer Science and Engineering Association, NIT Warangal

-Volunteer at **Microsoft Philanthropic** initiatives. Mentored 3 students from economically disadvantaged backgrounds on career opportunities after college and skill building through MentorToGo.