

DISHANT NAGPAL

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EDUCATION

Maharaja Agrasen Institute of Technology, New Delhi

B.Tech Electronics and Electrical Engineering (EEE)

2020 - 2024

CGPA: 9.56/10

Ryan International School, Mayur Vihar

Science + Computer Science (12th)

Percentage: 88

TECHNICAL SKILLS

Languages Swift, C/C++, Python

Frameworks UIKit, SwiftUI, ARKit, CoreML

Tools Git, GitHub, Xcode, VS Code, Swift Playground

Computer Science Fundamentals Data Structures, Algorithms, Mobile Application Development, Mathematics

Soft Skills Creative, Time Management, Teamwork, Communication, Problem Solving

PROJECTS

AR Ruler Swift, iOS, UIKit, ARKit, SceneKit

[GitHub](#)

- Created an Augmented Reality Application from scratch to provide accurate measure upto two decimal places.
- Used Apple's tested framework ARKit and built on top of SceneKit.
- Calculation made using the 3-D co-ordinates in the real time-space.

Hacker News Swift, SwiftUI, MacOS, iOS, Hacker News API

[GitHub](#)

- A simple to use yet very powerful tool for the tech heads looking for daily dose of tech news.
- Made an iOS plus MacOS application using the Hacker News API and catalyst.
- Used ScrollView UI element to make the news feed scrollable.

MyMessenger Swift, UIKit, Firebase, Chat Application

[GitHub](#)

- Real time messaging app which works just like whatsapp.
- Used firebase as database.
- Implemented different Sign/Log in methods - Facebook, Google, Apple.

EXTRA-CURRICULAR ACTIVITIES

- Participated in Smart India Hackthon(SIH). Built an AI-Chatbot
- Participated in Apple WWDC Swift Student Challenge which is an global event to showcase the passion for swift and creativity of fellow students.
- Solved 100+ questions on Leetcode. Having more than 12 reputation stars for helping and contributing in the leetcode community also having more than 2.5k views on my data structures and algorithm solutions.
- 5-Star and a gold badge on HackerRank(C++).
- Active Member of the Poetry and Creative Writing society of our College.