

Anchal Srivastava

B.Tech – Computer Science & Engineering – IIT, Dhanbad

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INTERNSHIP EXPERIENCE

Samsung Research and Development, Bangalore — Summer Intern

MAY 2019 - JULY 2019

PROJECT DESCRIPTION

-> The intern project was based on Machine Learning and Android Development. The task was to build an app that can classify coming SMS messages into SPAM or NON-SPAM.

-> The project was completed on time and presented successfully. The app was working fine with 94% accuracy.

Software Used: Jupyter, Spyder, Android Studio.

Libraries: Keras, sklearn, nltk, wordnet, pandas, numpy, matplotlib, sklearn

PROJECTS

GUI for Machine Learning — python & ML project

-> Developed a GUI application in python that can be used to make machine learning models without writing a single line of code. It allowed users to build decision trees, SVMs and neural network.

Used python for development from scratch. The machine learning libraries like sklearn and Keras were also used.

<https://github.com/anchal27sri/ML-GUI-using-PyQt5>

Flutter — Android Development

-> MyCoffee App: Made an app that can use firebase to authenticate users and also update the user's data in the firestore database in real-time.

<https://github.com/anchal27sri/Flutter-Apps/tree/master/mycoffeeapp>

-> Rakshak App: Made an app that allows users to sign-in/sign-up using firebase authentication, know about crime news going in their area, report crimes to the nearest police station and SOS messages to the nearest police station.

<https://github.com/anchal27sri/Flutter-Apps/tree/master/rakshak>

2d and 3d games — Game Development

-> Made some 2d games on python from scratch like The Classic Snake Game, Ball games, Car driving game, etc.

Github Link to [SnakeGame](#), Github Link to [BallGame](#)

-> Made a basic 3d fps game on Unity game engine. The game was to shoot the enemy and get to the end of the maze.

Github Link to [FPS-Game](#)

EDUCATION

Indian Institute of Technology (ISM), Dhanbad — B.Tech, Computer Science and Engineering

JULY 2016 - MAY 2020 CGPA - 8.55

St. Patrick's Sr. Sec. School, Jaunpur — 12th

APRIL 2014 - APRIL 2015 90.4% (CBSE)

St. Patrick's Sr. Sec. School, Jaunpur — 10th

APRIL 2012 - APRIL 2013 91.2% (CBSE)

TECHNICAL SKILLS

- **Languages:** C++(proficient), C, Python, dart.
- **Softwares and platforms:** Anaconda(Jupyter and Spyder), MariaDB(SQL), Unity Game Engine, Windows-Subsystem-for-Linux(WSL), Android Studio, Flutter, Microsoft Visual Studio.
- **Frameworks and packages:** Keras, TensorFlow, sklearn, pandas, numpy, nltk, PyCrypto, matplotlib

OTHER SKILLS

- Ability to work in a team and collaboratively build a project.
- Good communication and leadership skills
- Ability to analyze real-life problems and find a solution

ACHIEVEMENTS

- Secured 6606(OPEN) rank in JEE Advanced 2016.
- 6-star on Hackerrank in data structures and algorithms.
- Maximum marks in mathematics in CBSE in 12th Class. (was in Top 0.1% of India).

EXTRACURRICULARS

- **FFI(NGO):** volunteered in the first year of college.
- **Kartavya** volunteered in the second year.