

# YUGAM SEHGAL

DATA ANALYST

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Enthusiastic sophomore undergraduate specializing in Data Analytics, seeking an internship to apply skills in data analysis, statistical modeling, and machine learning. Eager to contribute to a dynamic team.

## SKILLS

### Technical Skills:

**Programming Languages:** Python (Advanced), SQL, NoSQL, JavaScript, LaTeX, Shell  
**Analytical Toolkit:** Tableau (Advanced), Excel/Sheets (Advanced), EDA, Statistics, Models, ML  
**Web Technologies:** HTML5, CSS3, Node.js  
**Tools** Figma/Inkscape, Word/Docs, PPT/Slides  
**Other:** Operations Research, MATLAB, Linux/Unix, APIs  
**Soft Skills:** Effective Communication, Active Listening, Team Collaboration

## EDUCATION

### BSc. Mathematics (Hons. / Research)

Jul 2023 - present

### Banasthali Public School, New Delhi

2022 - 87.6% in Science

## CERTIFICATION

### Google / Advanced Data Analytics

Feb - Jul 2024 (certificate)

An extensive seven-month job-ready Google Career Certificate training. Demonstrated hands-on experience with advanced Data Analytics practices and tools, including data science workflows, Python programming and Tableau. Confidence in exploratory data analysis; statistical data analysis; regression analysis and data modeling, and machine learning.

## EXPERIENCE

### University / Operations Research

Jul 2023 - present

Research project in linear programming optimization algorithms and implementing them in Python to use as a standalone tool for solving problems.

### High School / Lead Developer

Aug 2021 - Jul 2022

Worked on two team app coding projects in my final year of high school as the lead project manager and developer. I developed backend and designed and implemented the UI/UX for both of these apps. We ranked under 100 nationally for one of the projects in a competition organised by AWS.

## PROJECTS

### WhatsApp Tic Tac Toe

Developed a backend using Node.js that consumes Twilio APIs to initiate a two-person tic tac toe game. Any two WhatsApp users can play in real time.

**Skills:** JavaScript, Node.js, Twilio, WhatsApp APIs

### Youtube Database

High school project that uses a Python library to download youtube videos in mp3 and mp4 formats and stores them in a MySQL database and performs CRUD operations on it.

### AWS - ATL Android App

Developed backend and frontend of an android quiz app for a competition organized by AWS, using Python and Kivy as the frontend framework in a team of three. We ranked under 100 nationally.