

# 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 (Intermediate), NoSQL, JavaScript, Node.js

**Web Technologies:** HTML5, CSS3

**Analytical Tools:** Tableau (Intermediate), Excel/Sheets (Advanced), MATLAB

**Other:** Operations Research, 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.