Saksham Gupta

Bachelor of Science in Computer Science
Purdue University, West Lafayette
VISA Status: Permanent Resident (Eligible to work in US)

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Education/Scores:

Degree	Institution	Grades	Year
Computer Science Major Undergraduate	Purdue University, West Lafayette	Last Semester GPA: 3.41 Cumulative GPA: 3.1	2020-2024
High School	CBSE	92.8%	2006-2020

Scholastic Achievements and Certifications:
- SAT Main – 1530/1600
- SAT Math 2 – 800/800
- SAT Physics – 800/800
- Java Masterclass by Tim Buchalka from Udemy

Projects:
- **Linear Recursion Model** – Made linear recursion model to find best fit for large number of data points, using python.
- **Clustering Algorithm** – Made clustering algorithm to find groups in large number of data points, using python.
- **Netflix Movie recommender Clone** – Combined 2 different types of matching algorithms, to analyze millions of movies and users and then recommend movies to a user, using python.
- **Natural Selection Simulation** – Made a program simulating natural selection based on altruism in Python. Demonstration of said simulation is present in my blog.
- **Android Game** – Made runner game for Android with custom 3D models and scripts. Source code and apk available on GitHub.
- **Social Media Application** – Made a social media application using Java.
- **Eight Queen Puzzle Solving Algorithm** – Made an algorithm to solve the eight-queen puzzle at any level. Demonstration of said algorithm is present in my blog.

Relevant Coursework (Undergraduate)
- **Completed Courses:** Problem Solving and Object-Oriented Programming, The Data Mine I, Foundations of Computer Science, Programming in C, Data Structure and Algorithms, Computer Architecture, Calculus I, Calculus II, Calculus III.
- **Ongoing Courses:** Systems Programming, Information Systems, Introduction to Statistics

Extracurricular Activities:
- Blog Writer, Self-Made Tech blog
- Student Mentor, Recruiter, and Event Organizer e-Spice Computer Club – DPS Noida (High School)

Technical skills:
- **Programming Languages:** Java, Python, C, SQL, R
- **Tools and Libraries:** MATLAB, Scikit-learn, Numpy, Pandas, Autodesk Maya, Unity, Latex
- **Other Skills:** Strategy, leadership, problem solving, communication

Experience:
Marketing intern at streetstylestore.com (Indian online retailer that caters mainly to young women)
- Assisted marketing team in making advertisements and gaining followers
- Conducted website usability survey and prepared report highlighting the problem areas Increased footfall on the website leading to increased sales
- Learnt the do and don'ts of making conversation with customers, and characteristics of a good user experience