

Aryan Jumani

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Education

Purdue University

Bachelor of Science in Computer Science

Dean's List Student + Semester Honors

GPA: 3.6/4.0

Ongoing Certificate in Data Science Certification and Entrepreneurship & Innovation

Relevant Coursework: OOP, DSA, Computer Architecture, Software Engineering, Database Management

August 2023 - May 2027

West Lafayette, Indiana

Experience

Tredence Inc.

June 2025 – Aug 2025

Data Engineering Intern

Chicago, IL (Onsite)

- Shadowed a mentor consulting for a global hotel chain, attending client meetings to gain exposure and insight into the hospitality sector and their operations.
- Built a self-heal framework in Snowflake using Javascript and SnowSQL to refresh upstream Airflow processes and detect 13+ recurring data anomalies to reduce manual oversight for 2 business-critical dashboards.
- Performed Exploratory Data Analysis (EDA) and developed 5+ predictive models using Python (pandas, sklearn, keras, pycaret) across various datasets and projects.

Divine Labs, Indian Institute of Technology, Delhi (IIT-D)

June 2024 – Aug 2024

Augmented Reality Intern

Remote

- Designed an educational toolkit comprising of 6 applets in Unity 3D, integrating Augmented Reality for IIT-D's Department of Design.
- Supported a Government of India initiative to educate children aged 3 to 6 in rural areas being deployed in 1500+ schools nationwide, benefiting over one million children.
- Using Blender for 3D modeling, Vuforia for AR Detection, along with Unity3D for prototyping, and C# for programming.

Svaguna

June 2023 – July 2023

Software Engineering Intern

Mumbai, India (Onsite)

- Assisted in coding and debugging a mobile application for an e-commerce food app using robust and easily maintainable code.
- Integrated Flutter for frontend and Firebase for backend services, implementing authentication and real-time database capabilities; supported over 200,000 concurrent users with 24/7 uptime.

Projects

Quantum computing predictor model | Python, DWave

December 2023

- Designed a basketball match predictor using a quantum server with 32 qubits to make use of a predictor model having previous match data to determine player performance for accurate results with 4% more accuracy than models available on the net.
- Presented at the Fall Undergraduate Research Symposium 2023 at Purdue.

PythonPedia | Python, HTML, CSS, JS, PHP

June 2021 – June 2023

- Launched a free online learning platform enabling individuals to master Python through interactive, editable examples and instructional videos.
- Had an active community of 500+ learners.

Game Development | C#, Unity, Blender

2021 – Present

- Published three games on the Google PlayStore, amassing over 5000 installs.
- Additionally, competed in six international game-making competitions, creating six browser games with a combined total of over 2000 plays. linktr.ee/aryanjumani

Technical Skills

Certifications: SnowPro Core Certification (August 2025)

Languages: Python, Java, SQL, NoSQL, Dart, C/C++, C#, HTML/CSS, JavaScript, TypeScript, Kotlin, Assembly x86-64

Frameworks: Flutter, React, Node.js, Flask, JUnit, FastAPI

Developer Tools: Unity, Blender, MS Office, Snowflake, AWS, GCP, Git, Docker, Kubernetes, MySQL Workbench