

Divyajeet Singh

B.Tech. CSAI sophomore at IIIT-Delhi

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EDUCATION

- **Indraprastha Institute of Information Technology, Delhi** New Delhi, India
B.Tech. in Computer Science and Artificial Intelligence; CGPA: 9.2/10 Sept 2021 - May 2025
Courses: Linear Algebra, Probability and Statistics, Multivariate Calculus, Discrete Structures, Signals and Systems, Introduction to Intelligent Systems, Data Structures and Algorithms, Computer Organization, OOP, Operating Systems
- **Mata Gujri Public School, Greater Kailash-I** New Delhi, India
CBSE Grade 12; AISSCE: 99.0%; May 2021
- **Mata Gujri Public School, Greater Kailash-I** New Delhi, India
CBSE Grade 10; AISSCE: 96.0%; May 2019

SKILLS SUMMARY

- **Languages** C, C++, Python, Java, LaTeX, SQL, Bash
- **Frameworks** Numpy, Pandas, Pygame, Seaborn, Matplotlib, Tkinter, Ctypes, Pthread, Unistd, C++ STL, LibGDX
- **Tools** Git, Bash, Linux, Figma, Canva

PROJECTS

- **OEIS Sequences**
sequences is a Python module with the ability to generate the most famous of sequences from the [OEIS](#). The module is available on [PyPI](#).
Tech Stack: Python.
[\[Source Code\]](#) Apr 2021
- **3-dimensional Geometry**
pygeo3d is a mathematical Python module that provides features of 3-dimensional geometry in Python. It also allows visualization of 3D points, lines, planes, and vectors. The module is available on [PyPI](#).
Tech Stack: Python, Matplotlib, Numpy.
[\[Source Code\]](#) May 2021
- **Polynomials**
pnomials is a mathematical Python module that deals with real polynomials of varying degrees. It also allows for their visualization. The module is available on [PyPI](#).
Tech Stack: Python, Matplotlib, Numpy.
[\[Source Code\]](#) Jun 2021
- **Pi Calculation Simulator**
pi-calculation-simulator simulates the calculation of pi using different visual methods and convergent series.
Tech Stack: Python, Matplotlib, Pygame, Tkinter, LaTeX.
[\[Source Code\]](#) Aug 2021
- **Random Walk Simulator**
random-walk simulates a 2-dimensional random walk (with backtraking allowed) on an infinite grid.
Tech Stack: Python, Matplotlib, Pygame, Tkinter.
[\[Source Code\]](#) Aug 2021

ACHIEVEMENTS

- **Dean's List of Academic Excellence** Sep 2022
- Shortlisted to round 2 of **Flipkart GRID 4.0** Jun 2022
- **Grade A+** in Introduction to Programming and Computer Organization Aug 2022
- **Grade A** in Linear Algebra, Probability and Statistics, Human-Computer Interaction, and Introduction to Intelligent Systems Aug 2022

POSITIONS OF RESPONSIBILITY AND VOLUNTEER EXPERIENCE

- **IEEEExtreme 16.0 Campus Ambassador** Aug 2022 - Oct 2022
Helped promote IEEE's international contest, IEEEExtreme 16.0 in IIIT-Delhi.
- **IEEE IIIT-Delhi Student Branch** May 2022 - Nov 2022
Head of Communications. Handled the social media presence and promotions of IEEE-IIITD SB.
- **Evariste, the Math Club IIIT-Delhi** Sept 2022 - Present
Assisted in conducting various proving and technical math sessions.
- **OWASP IIIT-Delhi Student Chapter** June 2022 - Present
Technical content head and Social Media Co-ordinator. Managed their social media handles.
- **Google Developer Students Club, IIIT-Delhi** Sept 2022 - Present
Events team member and Social Media Co-ordinator. Handled the social media presence of GDSC IIITD.
- **Student Senate, IIIT-Delhi** Aug 2022 - Oct 2022
Outreach Team Lead. Organized Open-House IIITD and handled social media accounts of the Senate.
- **Trivialis, the Quizzing Club of IIIT-Delhi** Sept 2022 - Present
Social Media Manager. Handled Trivialis' social media accounts and promotions.