

Annanya Jain

West New York, NJ 07093 | 551-342-8665 | ajain72@stevens.edu | [linkedin.com/in/jain-annanya](https://www.linkedin.com/in/jain-annanya) | github.com/JainAnnanya

EDUCATION

Stevens Institute of Technology

Hoboken, NJ

Bachelor of Science in Computer Science, Minor in Cybersecurity

Expected May 2026

- **GPA: 3.794/4.0**
- **Academic Honors and Awards:** Global Scholarship, Dean's List: Fall 2022, Spring 2023
- **Coursework:** Data Structures, Algorithms, Discrete Structures, Computer Architecture and Organization, Multivariable Calculus, Linear Algebra, Probability and Statistics, Vectors and Matrices

TECHNICAL SKILLS

Programming: Java, Python, C/C++, Scheme, PostgreSQL, MySQL, HTML, CSS, R, Assembly, Swift(beginner)

Libraries: Pandas, NumPy, Matplotlib

Tools and Applications: MS Excel, Figma, Freshworks

EXPERIENCE

Undergraduate Research Assistant

June 2023 – Present

Stevens Institute of Technology

Hoboken, NJ

- Conducted research under Dr. Justine Herve, analyzing the dynamic relationship between journalism job postings, AI skill demands, and industry employment changes over the past decade
- Consolidated data using PostgreSQL, implementing cleaning and optimization methods to meet project standards
- Applied R programming and the Plotly library to create dynamic visualizations for consolidated data, enabling in-depth analysis and conclusive result generation

Learning Technology Assistant

August 2023 – Present

Stevens Institute of Technology

Hoboken, NJ

- Supported campus-wide classrooms and events, optimizing audiovisual equipment and technology
- Produced weekly reports to track and manage support ticket data, and leveraged Freshworks
- Collaborated on team projects, showcasing adaptability and LAN/TCP/IP competency for smooth tech support

Student Tutor, Academic Support Center

May 2023 – Present

Stevens Institute of Technology

Hoboken, NJ

- Demonstrated expertise in Vectors, Matrices, Multivariable Calculus, and Mechanics, ensuring students' proficiency in tackling complex problems while deepening their understanding of core mathematical and physics concepts
- Cultivated effective communication, adaptability, and mentorship skills through personalized support, contributing to significant improvements in students' overall academic performance

ACADEMIC PROJECTS

GirlHacks 2023 Hackathon, NJIT | *Space Hacks - Website*

September 2023

- Collaborated in team development using JavaScript, HTML, and CSS to design and implement dynamic features
- Integrated NASA APIs for real-time data and images, enriching the space exploration website

Games: Scrabble Scoring, Connect 4 Board Game, Tic Tac Toe | *Python, Java*

April 2023

- Constructed a real time Connect 4 Board Game and Tic Tac Toe in Python for user enjoyment
- Devised a Scrabble Game Scoring Program in Java that calculates scrabble score for dictionary words
- Incorporated knowledge in design, algorithmic thinking, recursion and object-oriented programming

Music Recommender System | *Python*

December 2022

- Designed and developed a Python program with a combination of features for capturing user artist preferences
- Implemented a recommendation system for personalized artist suggestions based on user choices
- Created functionalities to display the most popular artists and track artist likes

Library Management System (LMS) | *Python, MySQL, Matplotlib, NumPy, Pandas*

May 2022

- Developed a Python-based Library Management System, and used MySQL to serve as backend
- Optimized operations by implementing strategic problem-solving to replace manual record-keeping
- Managed library operations efficiently, including book availability checks, member updates, search functionality, and transaction handling using NumPy and Pandas
- Leveraged Matplotlib for data visualizations by implementing dynamic reports to optimize processes

ACTIVITIES

- Launchpad@Stevens (Entrepreneurship), Stevens Women in Computer Science, Intra-school Chess (Gold Medal)