

# Shreyal Sharma

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## Education

### New Jersey Institute Of Technology

Sept. 2022 - May 2026

- Bachelor of Science in Computer Science | Minor in Communication
- Receipt of **NJIT Academic Excellence Scholarship** and **Freshmen Highlander Scholarship** and **Dean's List**
- Relevant Coursework: Data Structures, Information Systems, Algorithm Analysis, Artificial Intelligence

## Experience

### AWS Summit New York

July 2023

- Invited to attend AWS Summit, participating in a full day conference featuring API's, Gen-AI, AR and more.
- Attended Swami Sivasubramanian keynote to learn innovative ways companies are leveraging Gen-AI to revolutionize industries.
- Collaborate with fellow Summitters in team building exercises, hackathon and networking.

### Computer Science Tutor - Blissful Coding

March 2024 - Present

- Volunteer tutor at Blissful Coding, a non-profit organization teaching grades 6-12 python using Carnegie Mellon University's CS Academy and MIT's Scratch program
- Collaborated with undergraduate and graduate volunteer students from prestigious universities to teach students Python.

### Business Manager - Vector

May 2023 - Present

- Elected as Business Manager at the university's newspaper organization to oversee financial operations.
- Managing regular reports to track financial performance and inform decision-making processes.

### Peer Mentor - Ying Wu College of Computing

May 2023

- Led orientation events, professional development workshops and bi-weekly meetings to guide first year students with transition and navigating through campus and student life.

## Leadership and Projects

### Management Dashboard (Python, HTML, JS, JSON, APIs)

May 2024 - Present

- Designing a dynamic Management Dashboard aimed at empowering managers and team leaders to effectively track project and team performance in real-time.
- Utilizing open-source AWS APIs and Python for data integration and processing.
- Implementing HTML, CSS, and JavaScript for interactive data visualization.

### Compiler for Fortran Language (C++)

February 2024

- Developed as part of a programming concepts class project.
- Implemented a lexical analyzer, parser, and compiler using C++.
- Enhanced skills in C++ programming and algorithm design

### Wordle In Python (Python)

October 2023

- Developed during **Google Developer Student Clubs** workshop
- Developed a replica of Wordle game implementation in Python.

### Calories Counter App (Python, Django, HTML)

December 2023

- Designed and developed using Python Django for backend logic and HTML for frontend interface.

**Skills and Languages:** Java | Python | JS | C++ | HTML/CSS | Python | Pandas | JSON

**Interests:** Dedicated writer with a published article in Hindi Times magazine. Active member of the newspaper club.

**Extracurriculars:** Eboard Kids Who Code & Vector, Google DSC Member, WiCS member, Volunteer CS Tutor