

Uday Turakhia

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EDUCATION

- Stony Brook University - SUNY** Stony Brook, NY
 - Bachelor of Computer Science Honors Program; GPA: 4.0/4.0* *Expected May 2026*
 - Courses: Introduction to Object-Oriented Programming, Foundations of Computer Science(Discrete Mathematics), Applied Linear Algebra, Data Structure and Algorithms, Systems Fundamentals I, Programming Abstractions, Theory of Computation*
- Fountainhead School** Gujarat, India
 - IB Diploma; Secured: 36/45* *May 2022*
 - Courses: Math Applications and Interpretation HL, Physics HL, Psychology HL, Chemistry SL, Hindi SL, Language and Literature SL*

SKILLS SUMMARY

- Languages** Python, C, C++, C#, JAVA, JavaScript, SQL
- Tools** Unreal Game Engine, Unity, Blender, ZBrush, MS Office, Adobe Photoshop
- Soft Skills** Leadership, Writing, Public Speaking, Time Management, Teamwork, Attention to Detail

EXPERIENCE

- Baaamboos For Men** Gujarat, India
 - Back-end Developer Intern(Full-Time)* *May 2023 - August 2023*
 - Developed an automated data entry system that reduced the time it took to enter each shirt into the database by 50%, resulting in a more efficient workflow.
 - Implemented a deletion algorithm that streamlined the process of removing shirts from the database based on specified blocks, reducing deletion time by 40%.
 - Collaborated with cross-functional teams to analyze and optimize back-end processes, resulting in a 20% decrease in errors and improved overall accuracy of shirt inventory management.
- Potenza Global Solutions Private Limited** Gujarat, India
 - Full Stack Web Developer Intern(Full-Time)* *May 2021 - August 2021*
 - Developed and deployed full-stack e-commerce applications for 5 clients, resulting in a 20% increase in their online sales.
 - Collaborated with a team of developers to streamline the application development process, reducing time-to-market by 15%.
 - Analyzed client requirements and conducted user testing to create custom solutions, resulting in a 10% increase in customer satisfaction.

PROJECTS

- The Monkey King(Independent action game development):** An action role-playing game using free Paragon assets. I designed and developed different abilities and created multiple different AI for the game Tech: Unreal Game Engine, Blueprints, C++, Blender, (January 2022 - May 2022)
- Autumn - A Virtual Assistant for Students:** A Virtual Assistant AI similar to Alexa and Siri but majorly for students to help them study. It can perform complicated mathematical operations, and web scrap information through trusted sources. It also had the ability to recognize voices and hold up conversations. Tech: Python. (November 2021 - December 2021)

COURSES

- Artificial Intelligence Course by Henry Harvin's, India:** Learned about neural networks, natural language processing, decision tree, linear and logistic regression. (September 2021)
- The Complete Presentation and Public Speaking/Speech Course:** Developed skills in public speaking and presentation. (August 2021)
- Data Science with Python Course by Henry Harvin's, India:** Studied data mining, descriptive and inferential statistics, machine learning etc. (June 2021)

VOLUNTEER EXPERIENCE

- Secretary of Game Development and Design Club** Stony Brook, NY
 - Teaching other students about Game Development and hosting tournaments* *October 2022 - Present*
- Event Coordinator of Table Tennis Club** Stony Brook, NY
 - Took the leadership position to host different sports events on campus* *August 2022 - Present*