

Rithwik Mohanty

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EDUCATION

University of Connecticut, Storrs, CT
B.S. in Mathematics and Statistics

Expected Dec 2027

Shelton High School, Shelton, CT — GPA: 4.46/5.0, Top 2%

Graduated 2025

Honors: National AP Scholar with Distinction · RPI Medalist · National Honor Society · CTCOLT Award for Excellence

EXPERIENCE

Marketing Intern & Artist Manager | *Everlasting LLC · Remote*

Jan 2026 – Present

- Architect digital marketing campaigns across Instagram, TikTok, and YouTube, driving measurable audience growth for artists and entertainers through data-driven content strategies.
- Manage an independent artist's career end-to-end—negotiating bookings, coordinating networking opportunities, and securing industry placements.
- Analyze engagement metrics to refine cross-platform brand positioning, strengthening client visibility within the entertainment sector.

Game Systems Developer (Luau/Lua) | *Freelance · Remote*

2020 – Present

- Engineered complex game play systems across 6+ years in Luau, including combat mechanics, UI frameworks, data persistence, and monetization modules for Roblox experiences.
- Optimized server-side and client-side scripts for low-latency performance at scale; collaborated with designers to ship polished features using iterative development workflows.

DHOOP Developer | *Blurgs AI Research · India (Remote)*

Summer 2023 – Summer 2025

- Co-developed the first AI-powered drone chromatography system for automated solar farm maintenance alongside an Indian startup.
- Applied machine learning models and drone telemetry data to detect panel degradation, contributing to product commercialization.

Research Collaborator | *Cambridge Center for International Research*

Summer 2024 – Summer 2025

- Executed 60+ hours of astrophysics research with Oxford Professor Dr. Mushtukov, modeling x-ray pulsar photon emission.
- Designed and ran computational simulations that produced a standardized emission model adopted by the research group.

Physics Teaching Assistant | *Shelton High School · Shelton, CT*

2024 – 2025

- Facilitated lab sessions and problem-solving workshops for 25+ students, reinforcing core mechanics and thermodynamics concepts.
- Created supplemental review materials and delivered individualized tutoring that improved student comprehension before exams.

Afterschool Tutor | *Shelton High Mentor Service · Shelton, CT*

Oct 2022 – Mar 2025

- Designed weekly learning activities in reading, writing, and math for K–8 students; delivered one-on-one support fostering independent study habits.

Raffle Booth Volunteer | *Long Hill Events · Shelton, CT*

Jan 2020 – Mar 2025

- Processed cash transactions and distributed tickets for 150+ attendees per event across 40+ cumulative service hours.

LEADERSHIP

President | *Shelton High Chess Club*

2021 – 2025

- Launched the club's inaugural tournament; coordinated logistics, recruited 30+ members, and mentored incoming players.

HR Representative | *Shelton High Student Council*

2024 – 2025

- Orchestrated school-wide events in collaboration with faculty, managing scheduling, promotion, and day-of operations.

Co-Leader | *Shelton High League of Legends Esports Team*

2024 – 2025

- Re-established the team after a 5-year hiatus; recruited roster, developed competitive strategy, and led match preparation.

SKILLS

Technical: Luau/Lua (6 yrs), Python, AI/ML, Roblox Studio, Game Development, Data Analysis, Computational Modeling

Professional: Digital Marketing, Social Media Strategy, Artist Management, Content Creation, Project Coordination

Interpersonal: Leadership, Teaching, Collaboration, Problem Solving, Public Speaking

Interests: Board Games, Poetry, Game Design, Music, Physics