

Q M Naushadul Islam

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EDUCATION

New York University, B.A. in Interactive Media

August 2021 – May 2025

Relevant Coursework: Intro to Interactive Media, Intro to Computer Science, Computer-Aided Design, Projects in Programming, Design Thinking for Creative Problem Solving, Algorithm-Aided Design, Ethics & Technology, Applied Data Science

WORK EXPERIENCE

ML Squared Lab, New York City – Research Assistant

February 2024 – August 2024

As a Research Assistant at ML Squared Lab in New York, I analyzed **over 5,000 chatbot-human interactions** and **refined empathy rating metrics** to enhance AI-driven conversations. By optimizing linguistic and affective parameters, I contributed to a **12% improvement in user-reported engagement** and perceived emotional intelligence

NYUAD Interactive Media Lab, Abu Dhabi – Lab Assistant & Peer Instructor

August 2023 – Present

For over two years, I have provided hands-on support in **3D modeling, laser-cutting, 3D printing, and fabrication**. With **300+ hours** of prototyping experience, I have facilitated project development, maintained the lab's equipment database, and ensured efficient workflow in a collaborative, maker-focused environment.

PROJECTS

Behind My Back

September 2024

Technologies Used: Raspberry PI, Proximity Sensors, 3D Modeling & Printing

A wearable system that detects intrusive gazes and unwelcome proximity in unsafe public spaces in Dhaka, transforming everyday jewelry into an interactive safeguard for personal awareness and safety.

Eye of the Sands

December 2024

Technologies Used: Adafruit M4 Express, Circuit-Python, Electronics (Motors, Sensors), 3D Modeling & Printing

A kinetic sculpture featuring a glowing mechanical eye that responds to viewer proximity, evoking reflection on humanity's impact on fragile desert ecosystems.

Recyclean

December 2024

Technologies Used: Computer Vision (OpenCV), Figma, NFC tags & more

An interactive recycling system that uses NFC tags, computer vision, and a reward mechanism to guide users in proper waste disposal while fostering sustainable habits.

PROFESSIONAL CERTIFICATIONS

Dassault Systèmes – SolidWorks Associate Mechanical Designer

April 2023; Credential ID: C-TK84V6G7N2

Lighthouse Arabia – Adult to Adult Mental Health First Aid Provider

August 2022