

AZNEEF CHOWDHURY

Hanover, NH · (603) 322-1710 · azneef.a.chowdhury.29@dartmouth.edu · [linkedin.com/in/chowdhuryazneef](https://www.linkedin.com/in/chowdhuryazneef)

EDUCATION

Dartmouth College, Hanover, NH

June 2029

Bachelor of Arts, Major in Economics and Quantitative Social Science, Minor in CS

GPA 3.67/4.0

Relevant Coursework: Artificial Intelligence & Machine Learning; Statistics & Statistical Inference; Object-Oriented Programming, Algorithms & Data Structures; Intermediate Microeconomics, Linear Algebra

Roles: Emerging Leader (Campus Citizens, Fairness, Responsibility), The Dartmouth, House Council

EXPERIENCE

Undergraduate Research, Hanover, NH

April 2026-Present

Computational Social Science, PI: Dr. Herbert Chang

- **Co-authored and submitted a [paper](#) to ICWSM** analyzing **1,900+ AI-generated Instagram videos** about the **2026 FIFA World Cup**, examining visual identity, content reuse, and audience engagement in AI-generated sports media.
- Built an end-to-end computer vision pipeline using **YOLO11, BoT-SORT, SCRFD, ArcFace, and HDBSCAN** to detect, track, embed, and cluster recurring player identities across **2.4M+ video frames**.
- Developed and validated a player-identification workflow covering **1,370 videos** with **95.8% accuracy** across **524 manually reviewed face samples**, then used **regression, repost-network, and temporal analyses** to examine how player identities, AI models, content characteristics, and repost order relate to engagement and diffusion.

Collis After Dark, Hanover, NH

September 2025-Present

Organisational Lead

- Execute **15+ late-night programs per term** reaching **2,000+ students**, managing end-to-end logistics for events ranging from small programs to **500+ attendee** events and coordinating **10+ campus organizations** and **15+ external vendors**.
- Led teams of up to **20 interns as on-site event lead for 7 events**, overseeing staffing, setup, technical needs, real-time issue resolution, and compliance with Dartmouth alcohol-service and access-control requirements.

Dartmouth Alumni Relations, Hanover, NH

June 2026-September 2026

Student Worker

- Benchmarked young-alumni engagement strategies across **15+ peer universities**, synthesizing **50+ websites, webinars, and institutional resources** into recommendations for Dartmouth's alumni engagement strategy.
- Built a structured dataset spanning **59 graduating classes (1965–2023)** and alumni clubs, combining information from **100+ annual and financial reports** on dues, payment models, benefits, and membership structures.
- Identified recurring engagement patterns including **tiered pricing, recent-graduate discounts, lifetime memberships, household bundles, and reunion prepayment models**, translating raw reporting into actionable observations.
- Audited and improved **50+ alumni-facing webpages and resources**, correcting outdated information and helping redesign volunteer, admissions, and class communications across **15 alumni classes** using Encompass/iModules and Advance.

Reflective Teens, Bangladesh

June 2024-June 2025

Consultant – Education nonprofit serving 610,000+ students

- Managed **\$10,000+ in grants** from the **U.S. Embassy Dhaka and The Asia Foundation**, supporting educational-equity and youth-development programs reaching underserved communities across Bangladesh.
- Developed community-library initiatives by mobilizing unused books from local households and establishing accessible reading spaces in public parks for underserved students.
- Secured and led early-stage development of a **\$23,000 Asia Foundation grant** for a civic-tech platform designed to make parliamentary discussions and legislative activity more accessible to Bangladeshi citizens.
- Advised program and organizational strategy for a nonprofit that has directly engaged **610,000+ students across 300+ schools**, supporting initiatives spanning education access, youth development, civic engagement, and digital inclusion.

The Daily Star, Bangladesh

June 2023-June 2024

Contributing Writer

- Published **30+ articles** for Bangladesh's largest-circulating English-language newspaper, covering **education policy, technology, social issues, youth culture, and entertainment** through research, interviews, and first-hand reporting.
- Interviewed **20+ subject-matter experts and public figures** and produced investigative and profile-driven features on issues including **educational inequality, coaching culture, textbook costs, mental health, and youth access to technology**.

PROJECTS

@onenews.ai

October 2023-March 2024

- Founded and built **OneNewsAI**, an end-to-end AI news platform that processed **300+ articles daily**, using **PyTorch-based NLP pipelines and Google Bard** to identify stories, synthesize news content, and generate social-ready copy.
- Engineered a **fully autonomous content-generation pipeline** that transformed news stories into image prompts, generated visuals with **FLUX.1**, assembled **1080×1080** social posts, and automatically published them to Instagram

SKILLS AND INTERESTS

Programming: Python, Java, R; **Data/ML:** PyTorch, Pandas, scikit-learn, OpenCV, Matplotlib, Stata; **Tools:** Git, Jupyter, LaTeX
Languages: English (native), Bangla (native); **Interests:** Writing, Mountain biking, r/dataisbeautiful