

MD MAMUNUR RASHID MAMUN

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EDUCATION

Yunnan University (211)

Kunming, China

B.Sc. in Artificial Intelligence (English-medium international program)

2024 – Present (expected June 2028)

GPA: 3.28/4.0 (cumulative, through Semester 4; Semester 4: 3.83/4.0). Key course scores: Machine Learning 94, Database Concepts 93, Python Programming Practice 92, Academic Communication English 90, C++ Programming 88.

Coursework: Python, C, C++ (Object-Oriented), Database System Design, Machine Learning, Computer Networks; current semester: Deep Learning, Big Data Analysis, Computer Vision, Rust Programming.

EXPERIENCE

Nihao International (nihaointl.com)

Kunming / Bangladesh

Managing Director

June 2025 – Present

- Source phones, shoes, and other products from Chinese suppliers; negotiate prices and check quality through WeChat.
- Develop and run the company's online storefronts (Next.js, Supabase, Vercel).
- Manage orders, pricing, and shipping to Bangladesh and other countries.

School and Private Teaching

Bangladesh

Teacher (about 4 years of teaching experience)

2020 – June 2024

- Taught primary school students (Classes 1 to 5).
- Taught Mathematics, English, Physics, and Chemistry to a large number of students.
- Taught Class 10 Physics and Higher Mathematics (from 2021).
- Taught HSC (Classes 11 to 12) Higher Mathematics and General Mathematics (until June 2024).

LANGUAGES

Bengali (Native), English (Fluent), Chinese (Basic; four semesters of university Chinese courses, HSK learner).

PROJECTS

YNU Bus Tracker (realtime campus shuttle intelligence)

Combines Dijkstra routing, a live 3D city map, cloud data, and an AI assistant that calls the routing engine as a tool (12 campus stops, 501 unit tests, under 1 ms routing).

AgriMind: AI Farming Assistant (Individual project)

Independently designed, built, and deployed a web app that helps farmers identify plant diseases and get crop advice. Built as an installable, offline-friendly app (PWA) with a privacy-first design and no login required. Tools: Next.js, Vercel, plant-disease identification API. The idea won Third Prize (Team) at the Wochuang Jacaranda Cup Youth Entrepreneurship and Innovation Competition (April 2025). Demo available on request.

Preluma (Individual project)

Adaptive pre-class learning platform with a guided student mission, multi-provider AI failover (8 AI providers, 7-step failover), mistake feedback, and teacher analytics.

Group presentations: Face Detection System (YOLOv8m, DeepFace, FastAPI); Smart Traffic Signal Control using Reinforcement Learning.

CORE SKILLS AND HONORS

- Programming and Technical Skills: Python, C, C++ (basic); JavaScript / TypeScript, React, Next.js, Supabase / PostgreSQL (project experience); Git / GitHub, Vercel deployment.
- Research Interests: Agentic AI, intelligent systems, AI for urban infrastructure and environment.
- Core Soft Skills: Teaching, Communication and Negotiation, Teamwork, Responsibility, Self-learning.
- Honors: Third Prize (Team), Group Presentation Competition, Harbin Institute of Technology Global Summer School “AI Empowers Smart Transportation” (one-week program), July 2026.
- Honors: Third Prize (Team), Wochuang Jacaranda Cup Youth Entrepreneurship and Innovation Competition, April 2025.
- Honors: Third Place (Team), “Teamwork Cloud Ladder” event, 1st Spring Fun Sports Games, Yunnan University.
- Campus Activities: Course Representative (CR), Machine Learning course, spring 2026; completed the university's 20-day morning reading event (May–June 2026).