

MD. TUSAR IMRAN

Computer Science & Engineering Student

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PROFESSIONAL PROFILE

Undergraduate Computer Science & Engineering student at RUET with academic experience in algorithm analysis, numerical methods, microprocessors, 8086 assembly programming and technical report writing. Interested in software development and AI-enabled product engineering, with a strong focus on structured problem solving and practical implementation.

EDUCATION

B.Sc. in Computer Science & Engineering | Rajshahi University of Engineering & Technology (RUET)

Session: 2023–24 | **Current status:** Undergraduate | **Student ID:** 2303096

Higher Secondary Certificate (Science) | Hat Kanpara Jobedda College, Rajshahi

Year: 2023 | **Board:** Rajshahi | **GPA:** 5.00/5.00

Secondary School Certificate (Science) | Hat Kanpara High School, Rajshahi

Year: 2021 | **Board:** Rajshahi | **GPA:** 5.00/5.00

TECHNICAL SKILLS

Programming & computing: 8086 Assembly Language, programming fundamentals, algorithmic problem solving

Core academic areas: Data structures and algorithms, numerical computation, microprocessors and microcontrollers

Tools: Emu8086, LaTeX, Microsoft Word and PowerPoint, Google Workspace

Documentation: Technical reports, lab reports, mathematical typesetting and structured presentations

SELECTED ACADEMIC WORK

8086 Assembly Programming — Implemented input/output, arithmetic, string, array, bit and control-flow exercises using DOS interrupts.

Numerical Methods — Prepared computational lab work on root finding, error analysis, interpolation, differentiation and numerical integration.

Algorithm Analysis — Worked with sorting, recurrences, greedy methods, dynamic programming and graph algorithms.

Technical Communication — Produced structured academic reports and presentations with clear objectives, methods, results and conclusions.

STRENGTHS & CAREER FOCUS

Strengths: Analytical thinking, attention to detail, self-directed learning, technical documentation and presentation

Career focus: Software development, AI product engineering and building useful technology products