



# TAWFIA YEASMIN

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## SUMMARY

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I am a passionate 4th year Computer Science student with hands-on experience in Python, Keras, YOLOv8, Hugging Face, and LaTeX. I can quickly grasp and summarize research papers, and I recently developed an object detection project using YOLOv8. As a coding instructor, I have taught over 200 students in app development, AI, and Scratch and possess strong communication and presentation skills. In the future, I envision myself working in the research field, contributing as a dedicated researcher to cutting-edge developments in technology.

## WORK EXPERIENCE

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### Coding Instructor at Dreamers Academy

Nov 2023 - Present

- Coding Instructor at Dreamers Academy (Dec 2023 - Present)
- Teaching Scratch, App Development, HTML, and CSS

### UX Researcher (LTNS)

Jan 2023 - Aug 2023

- Conducted user research, built prototypes, and tested designs

## EDUCATION

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### B. Sc. in Computer Science and Engineering (CSE)

Dec 2020 - May 2025

### National University, Bangladesh

- I am working on the final Project Safe Driving 2.0 project, incorporating collision avoidance, lane departure warning, drowsiness detection, and pedestrian detection technologies to enhance road safety.

## ADDITIONAL INFORMATION

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### Technical Skills

- Python, Keras, YOLOv8, Hugging Face, LaTeX
- Quickly understand and summarize research papers to stay current with latest developments
- Developed object detection project using YOLOv7, applying skills to real-world problems

### Instructor Experience

- Taught coding to over 200 students in app development (MIT App Inventor), AI (Google Teachable Machine), and Scratch programming
- Mentored students in Scratch Olympiad (IKCC)
- Strong communication and presentation skills to convey complex concepts to diverse audiences

### Languages

- Fluent in English
- Currently learning Spanish
- Strong storytelling abilities

### Key Strengths

- Multitasking while maintaining calm demeanor
- Eager to contribute to impactful BNLP and HMAI research