

Eshan Shrestha
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EDUCATION

Texas Tech University, Lubbock, Texas
Bachelor of Science in Computer Science
Honors: Dean's List (Spring 2023 – Fall 2025)

Expected Graduation Date: December 2026
Cumulative GPA: 3.93

EXPERIENCE

Texas Tech University, Lubbock, TX

Grading Assistant – Whitacre College of Engineering

Present - August 2025

- Evaluated C programming lab assignments by reviewing, testing, and debugging student code for correctness, efficiency, and adherence to coding standards.
- Assisted faculty in designing lab exercises, exam questions, and grading rubrics covering topics such as problem-solving methodology, recursion, pointers, linked lists, dynamic memory management, and abstract data types.
- Supported course delivery by proctoring exams, providing structured feedback, and ensuring grading consistency across large student groups.

Student Analyst – IT Help Central

August 2025 - June 2025

- Provided first-line technical support for campus systems, diagnosing and resolving hardware, software, and network-related issues while maintaining compliance with FERPA standard.
- Utilized ticketing systems, remote desktop tools, and IT documentation practices to streamline issue tracking and resolution.
- Applied structured troubleshooting methodologies across diverse applications, collaborating with senior analysts on escalations, and producing clear documentation to ensure resolution

Canopy Nepal, Kathmandu, Bagmati

Teaching Assistant & Research Intern

September 2022 - August 2022

- Facilitated one-on-one and group academic sessions for middle school students, promoting inclusive and supportive learning environments.
- Conducted structured interviews with over 50 students and maintained progress records across four schools to inform academic support strategies.
- Supported educational equity research through literature reviews, data analysis, and outreach planning, improving interventions for underserved and first-generation youth.

PROJECTS

Database Management System

- Built a RESTful API with Node.js, Express, and MongoDB that featured JWT-based authentication, role-based authorization, and account workflows including email verification.
- Implemented full CRUD operations, integrated Nodemailer for automated emails, enforced input validation, and managed secure file uploads tied to users and products.
- Prototyped a React front-end and connected it to the API, enabling account creation, login, and inventory management, while demonstrating full-stack functionality and real-world usability.

SKILLS

- **Programming & Tools:** Python, C, Java, JavaScript, SQL, MongoDB, Express, React, Node.js
- **Certifications:** MERN Development – Deerwalk Inst. Of Techn., Customer Service – Test Dome

