

Uttam Bhattarai

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OBJECTIVE: 4th-year Software Engineering student at RIT, excited to leverage my academic knowledge and technical skills in a real-world setting. Actively seeking CO-OP or employment opportunities from May 2024 to Aug 2025.

EDUCATION

B.S, Software Engineering, Rochester Institute Of Technology

May 2026

Dale Carnegie Training - October 2022

SKILLS

- **Design Patterns:** Experienced in applying design patterns (e.g., adapter, singleton) to optimize software architecture.
- **Analysis & Design:** Proficient in using UML diagrams and sequence diagrams for problem analysis and solution design.
- **Database Management:** Knowledgeable in handling databases and implementing data storage solutions (SQL, CSV, JSON, etc.)
- **Problem-Solving:** Adept at tackling complex programming challenges and finding elegant solutions
- **Code Testing:** Experienced in unit testing, integration testing, and test-driven development (TDD) practices.
- **Technical Communication:** Highly skilled in conveying technical concepts through high-impact presentations, utilizing domain-specific language to engage and inform diverse audiences.

Communication: Trilingual: English (Fluent Written/Verbal), Nepali (Fluent Written/Verbal), Hindi (Fluent Verbal)

RELEVANT EXPERIENCE

TripSync, Group Travel Service

May 2024 - Current

Leading the development of a platform for organizing group travel plans, featuring group chat, audio/video calls, integrated hotel and Airbnb bookings, exploration of local attractions, food recommendations, and expense splitting. Focused on customer discovery, MVP development, and stakeholder presentations.

Results.

- Led a team of software engineers, ensuring effective collaboration and timely project milestones.
- Gathered valuable insights through extensive customer interviews and surveys.
- Created a compelling presentation that garnered interest from potential investors.

Trivial-Trivia, Group Project

Nov 2022 – Current

Assumed responsibility for the Database subsystem, managing critical functions like Add Question and Retrieve Question. The challenge was to seamlessly integrate XML and CSV data formats into the system. Implemented the adapter pattern, enabling smooth integration with diverse data formats. Actively contributed to the system's design by creating visual models and sequence diagrams.

Results:

- Successfully integrated XML and CSV data formats into the system using the adapter pattern
- Diligently and systematically documented our team's collaborative efforts, taking great care to compile a detailed and all-encompassing design document.
- Creation of comprehensive Gang of Four (GOF) pattern cards for clear design documentation

PROFESSIONAL EXPERIENCE

CAD Technician / Lab Assistant, Rochester Institute Of Technology

Jan 2022 – May 2022

My role as a CAD Technician was an exciting journey filled with challenges that I eagerly embraced. I provided valuable insights for engineering and architectural processes, and efficiently managed issues by using Jira, ensuring successful outcomes. This experience was both fun and rewarding, contributing significantly to my personal and professional growth.

LEADERSHIP & VOLUNTEERING

Men of Color Honor and Ambition (M.O.C.H.A.)

Aug 2022 – May 2023

Member of Cohort 9 completed an academic year of leadership, professional, social, and cultural development training.

TECHNOLOGY SUMMARY

Language – Java, Python, C, C#, Linux, SQL, HTML, CSS, JS, XML, XSLT | **Tools** – MySQL, Postgres, File I/O, Jira, GIT, Spring, Maven, Angular, React, Trello, Scrum, Agile, Word, Excel, PowerPoint, IOS, Android