

Jonesh Shrestha

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EDUCATION

DePaul University

Masters of Science in Computer Science

Chicago, United States

Sept 2024 - July 2026

SKILLS

Languages: SQL, Python, JavaScript, Java, HTML/CSS

Frameworks/Tools: Oracle Data Integrator, Git, React, Node.js, VS Code, MS Excel

Research Interests: Data Science, Web Development, Distributed Systems

PROFESSIONAL EXPERIENCE

Cotiviti Nepal Pvt. Ltd.

Software Engineer

Kathmandu, Nepal

July 2021 - July 2023

- Involved in developing leading US Healthcare clients' scripts and implementing new clients into Cotiviti.
- Created client requirement-specific layouts to import and apply data profiler checks to maintain high-quality data.
- Developed scripts for loading and transforming data into CDF and performed ETL operations on big data using SQL, PL/SQL, and ODI. Provided support to the PI team and trained them on ODI.

Kathmandu University

Graduate Research Assistant

Dhulikhel, Nepal

Mar 2021 - Apr 2022

- Involved in developing a Nepali image captioning model using CNN and Transformer.
- Enhanced model performance by combining CNN with Transformer and optimized using BLEU and METEOR metrics.

Leapfrog Technology

Software Engineer Intern

Kathmandu, Nepal

Apr 2021 - June 2021

- Developed responsive websites and games with HTML, CSS, and JS, implementing a mobile-first approach.

LIS Nepal Pvt. Ltd.

Software Engineer Intern

Lalitpur, Nepal

Jan 2020 - Apr 2020

- Developed retail analytics solutions using SQL, ODI, and OBIEE and created reports using MicroStrategy.
- Acquired knowledge of ODI data validation, ETL processes, parallel query processing, and PL/SQL for Retail Analytics.

PROJECTS

Evolution Simulator, *A demonstration of genetic algorithm*

May 2018 - Aug 2018

- Designed and created a simulation where bipedal creatures evolve to walk like humans using genetic algorithms.
- Featured on www.aijs.rocks.

KURA, *Forum for KU students*

May 2017 - Aug 2017

- Developed and launched KURA, a website forum for Kathmandu University students to discuss courses and clarify confusion.

ACHIEVEMENTS

- Cotiviti Professional Development Series (India/Nepal) Workshop
- Google Data Analytics Professional Certificate