

# Ishan Dahal

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## Education

### University of Michigan-Dearborn | Dearborn, MI

Expected: April, 2024

Master in Computer and Information Science (est. GPA: 3.8)

**Relevant Coursework:** Software Engineering, Advanced OS, Computer Network.

### St. Xavier's College | Kathmandu, Nepal

April, 2020

Bachelor in Computer and Information Science (GPA: 3.5)

**Relevant Coursework:** OOP, Data Structure & Algorithm, Web Technology, System Analysis & Design

## Professional Experience

### SeeLogic International (The Dogma Group), Kathmandu, Nepal

Software Developer

September 2021-July 2022

Projects involved: *Hawkins security (Web and Mobile Application)*, *Murray Uniform web portal*

- Built a well-documented and scalable react component for the web and mobile application.
- Trained two interns and involved in troubleshooting issues to assist through technical and logical problems.
- Collaborated with designers, and stakeholders in refactoring UI/UX of the "Murray Uniform portal" to maximize the user count by 200%.

### InfoDevelopers Pvt. Ltd., Kathmandu, Nepal

Junior Software Engineer

June 2020 - August 2021

Projects involved: *PPSC (Province Public Service Commission web app)*, *VRTMS (Vehicle Registration and Transport Management System)*

- Engineered a front-end component of role defined VRTMS, having more than 10 main modules, which digitized the vehicle registration process in Province-1 of Nepal by 80%.
- Developed front-end component of PPSC, digitizing the public service commission examination process, which facilitates more than 20k users on a peak usage day.

### Treeleaf Technologies Pvt. Ltd., Lalitpur, Nepal

Frontend Intern

June 2019 - September 2019

- Organized working schedule based on the meeting minutes and increased productivity.
- Coded assigned development tasks and demonstrated technical proficiency.
- Designed brochure and UI for "VIXX" software for launching the application.

## Technical Skills

- |             |                               |              |             |
|-------------|-------------------------------|--------------|-------------|
| • HTML5/CSS | • JavaScript (vanilla, React) | • Git        | • REST APIs |
| • Python    | • SQL                         | • Typescript |             |

## Academic Project

- **UMD Shuttle Service:** Mobile application to digitize the UM-Dearborn shuttle service.
  - Emphasized and implemented different design patterns and software development life cycle processes.
  - Tech used are React Native, Git, Figma, JavaScript, Confluence, Jira.
- **I SeeU:** Mobile application to facilitate visually-impaired people for paper cash transactions.
  - Undergraduate final year project. Demonstrated software development proficiency and scored 97 out of possible 100. Worked mainly with Python language, and its framework.

## Campus Involvement and engagement

- **SI(Supplement Instruction) Leader/ Tutor (2022-Present):** Planning and organizing the SI session to guide and tutor the undergraduate students in University of Michigan-Dearborn.
- Organized the digital literacy program and set up library, computer labs in schools situated in the rural part of Nepal, in 2016 and 2018.
- Volunteered in organizing a "Quiz Contest" for HISA (Humanity is Still Alive), for raising funds for orphans.