

# Nishan Rayamajhee

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## EXPERIENCE

### DXC Technology

1615 Poydras St #2400, New Orleans, LA

### Full-Stack Developer

July 2019 - Present (Full-Time)

- Developed automation for businesses to accelerate their workflow and increase productivity.
- Automated processes that required human interaction to log into servers, run scripts, and gather information.
- Setup automation to prepare and circulate reports, reducing hours dedicated towards administrative tasks.

Core technologies used: *Win Automation, JavaScript, PowerShell, SQL*

### Bioinformatics and Machine Learning Lab

University of New Orleans

### Web Developer

June 2016 - May 2019 (Part-Time)

- Developed and managed the lab's portfolio site. ([biomall.cs.uno.edu](http://biomall.cs.uno.edu))
- Developed a web application to enable researchers to access and run bioinformatics algorithms remotely without having to download and install/compile offline versions. ([bml.cs.uno.edu](http://bml.cs.uno.edu))

Core technologies used: *VueJS, ExpressJS, NodeJS, MongoDB, Jekyll with Markdown and Liquid, Nginx, Linux*

### Feature Studios

Kupondole, Lalitpur, Nepal

### Graphics Designer / Web Developer

July 2014 - August 2015 (Full-Time)

- Designed and developed websites as well as hosted and managed clients' data.
- Produced brand artworks and illustrations.
- Gained invaluable experience as a founding member and contributed towards sustaining business growth.

Sites solely developed by me include [narayanpuri.com](http://narayanpuri.com) and [opyadav.com](http://opyadav.com).

Core Technologies used: *Jekyll with Markdown and Liquid, JavaScript/HTML/CSS, AWS S3, Adobe PhotoShop, Inkscape*

### Computer Science Department

University of New Orleans

### Student Mentor

August 2016 - May 2019 (Part-Time)

- Helped students with their introductory programming courses (Java, Assembly, and Data Structures).
- Conducted recitation hours for Software Development(Java I&II) courses at the department.

### Narrative Intelligence Lab

University of New Orleans

### Undergraduate Researcher

Spring 2017

- Developed a simple mobile game for data-driven assessment of mathematical reasoning in middle school children.

## EDUCATION

### University of New Orleans

2000 Lakeshore Dr, New Orleans LA

### B.S. in Computer Science

Graduated May 2019

## SKILLS

### Languages

Rust • JavaScript • HTML/CSS • SQL • Java • Python • C/C++ • Dart

### Frameworks and APIs

React • VueJS • jQuery • Web Assembly (Rust) • WebGL • Web Audio • Firebase  
NodeJS • ExpressJS • GraphQL(Apollo) • PostgreSQL • MongoDB  
Flutter • Jekyll with Markdown & Liquid • Jest

### Platforms and Tools

Linux • Bash • Windows • PowerShell • Raspberry Pi • Arduino • Teensy USB  
Docker • Nginx • AWS (EC2 and S3) • Heroku • Git • GitLab CI/CD

## AWARDS

### CSCI Achievement Award 2017

Department of Computer Science, UNO

For demonstrating stellar performance at the department.

### Homer L. Hitt Scholarship

University of New Orleans

Most prestigious scholarship in the university.

### IEEE Region 5 Robotics Competition

Denver, CO, 1<sup>st</sup> April 2017

**Winner** among participants tasked with developing an autonomous robot capable of navigating and mapping a simulated cave system.

### National Model United Nations

New York, NY, 20 - 24 March 2016

**Distinguished Delegation Award** and **Outstanding Position Paper Award** for acting as delegates for UNICEF and the Commonwealth of Australia.