## **BADAL KARKI**

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### **EDUCATION**

Truman State University
Bachelors of Science in Computer Science

Jan. 2016 to Dec. 2019

#### **EMPLOYMENT**

EQUIFAX
Software Development Intern

with interactive SQL integration.

St. Louis, MO

- Software Development Intern

  May 2019 to Aug. 2019

   Developed an internal front end application that manages employee training resources and expense reports using DotNetNuke
- Created a company-wide front door application that gathers and holds information of employees who use training resources available
- outside of the firm; used the information to create an expense report, used JIRA to track the progression of tasks.
- Worked following the Agile methodology and Spotify Model, closely with Scrum Master in two-week sprints with quality reviews, demos, and retros.
- Co-Led the 2019 Equifax Intern Committee and coordinated events and volunteering projects with Stray Rescue St. Louis.

# INSTITUTE OF INFORMATION AND TECHNOLOGY NEPAL Web Development Intern

Kathmandu, Nepal May 2017 to Aug. 2017

- Designed and coded visually appealing websites from layout to function, according to specifications using HTML, CSS, JavaScript, and GitHub for better user interface.
- Developed websites and tools that help analyze the data and trends to increase the digital literacy of Nepal emphasizing on performance and accessibility standards (AA).
- Developed SEO strategies based on keyword research by monitoring & generating traffic, conversions, keyword rankings and reports.

NAMASTE NEPAL Website Administrator Kirksville, MO Aug. 2017 to Aug. 2018

• Replatformed and maintained Namaste Nepal's website and application, including content update and account administration.

- Debugged and performed regular upgrades to ensure web security and system usability.
- Designed marketing and media materials like posters, logos, tickets and presentation for biannual activities and events.

## **PROJECTS**

#### THE BOSTON JAVA MEETUP GROUP

Jan. 2020 to May 202017

- Involved in Boston Java Meetup committee that helps Java developers to socialize, network and learn from member-led presentations.
- Presented the internship experience in the Meetup Exhibition and encouraged young students to apply for internships.

#### JAVA DOWNLOAD ACCELERATOR

Sept. 2018 to Nov. 2018

- Built a tool using Java programming language that helps manage and increase the download speed using dynamic file segmentation.
- Used transmission control protocol and multi-threaded downloading to ensure the connection between the users using the tool.

#### **SKILLS**

LANGUAGES SOFTWARE

**COURSES** 

Java, JavaScript, HTML, CSS3, SQL, MongoDB, LaTeX

IntelliJ, GIT, JIRA, DNN, Confluence, DotNetNuke, GitHub, Eclipse, BitBucket

Computer Architecture and Organization, Computing Structures

Data Structure and Algorithms, Java Object Oriented Programming, Systems Programming,