

Aastha Pokhrel

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EDUCATION

Truman State University

Bachelor of Science in Computer Science

Dec 2021

3.31/ 4.00

EXPERIENCE

Reinsurance Group of America

Project Management Intern

Aug 2021 – Dec 2021

- Led meetings and worked with the project team to assist with tracking all work, and project assignments
- Kept track and updated the Project Status Report of 120+ projects and communicated with PMs respectively
- Worked with PMs to analyze and present a way to measure the success of a project after its completion

Application Development Intern

June 2021 – Aug 2021

- Designed a full-stack app for CRUD operations meeting technical and consumer needs in the specified period
- Used ReactJS for UI on the frontend and NodeJS to create Restful APIs and AWS Lambdas on the backend
- Reviewed, tested, and debugged the existing code base while making sure that the code was following the code guidelines set by the company
- Created a Dashboard in Tableau for the St. Louis Regional Health Commission for easier understanding of their purpose and services during a Hackathon and won first place

Truman State University

Data Entry Operator, ID Office

Aug 2019 – May 2021

- Communicated with incoming freshman, and staff members to create their IDs using the ID Center software
- Trained 5 new student workers to handle administrative tasks and use the software in the office
- Organized, verified, and backed up input data of students, professors, and staff members using Excel

PROJECTS

Dynamic Webpage

Jan 2020 – May 2020

- Created a dynamic webpage for Alpha Sigma Gamma using HTML, CSS, JavaScript, and PHP
- Implemented database to store and display information of users using MySQL

Squirrel Detection Tool

Jan 2020 – May 2020

- Developed a deep learning algorithm in Python with 98% accuracy to perform squirrel image classification
- Utilized a 2D convolutional neural network model using Tensor flow and Keras library

Public Key Encryption using RSA

Oct 2020 – Nov 2020

- Designed a chat program using the RSA public key and private key to encrypt and decrypt data of users
- Gathered data on computation time using different key sizes, and time required for data to reach users

ORGANIZATIONS/ LEADERSHIP

Truman State University

President, Vice President, Namaste Nepal

May 2018 – May 2020

- Managed fundraisers during Covid-19 to help 40 - 50 students in financial need
- Collaborated with Rotary International to provide 3 students with a scholarship
- Delegated tasks to the officers of the board as necessary, and maintained contact with advisor and alumni
- Promoted Nepali culture by developing strategies and organizing 2-3 cultural events per semester

SKILLS

- Web development: AJAX, CSS3, HTML5, JavaScript, PHP, ReactJS, NodeJS
- Database: MongoDB, MySQL, PostgreSQL
- Programming Languages: Java, Python, Ada, C, C++
- Tools: Azure Data Studio, Docker, Eclipse IDE, Emacs, Git, Postman, Tableau, VSCode