

# Narayan Poudel

2018 Delaware Street, Berkeley, CA

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## SKILLS

**LANGUAGES**, Python, Node.js, React, JavaScript(ES6), HTML5/CSS/PHP, SQL, R-Programming

**SOFTWARE**, Git, MySQL, MongoDB, AWS, LaTeX, MiniTab, Heroku, Bootstrap, Semantic UI

**TRAINING**, Cisco Tech Support, Agile/Scrum, OWASP

## EDUCATION

### University of California, Berkeley

FULL STACK WEB DEVELOPER BOOTCAMP

Berkeley, CA

May - August, 2020

### Truman State University

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Kirksville, MO

Jan. 2015 - Dec. 2020

## PROJECTS

### UC Berkeley Bootcamp

JOB TRACKR WEB APPLICATION

Berkeley, CA

August 2020

- Worked with a team of five students to build a robust, modern, and user friendly UI website based on MVC an architectural pattern from scratch
- Architected and implemented the front-end of the website on React-Redux, Semantic\_UI\_React
- Implemented Passport\_JWT\_strategy to authenticate the user with tokens

### UC Berkeley Bootcamp

STOCKTUTORIAL WEB APPLICATION

Berkeley, CA

July 2020

- Built interactive and educational web application of the stock market trade through analyzing a variety of real-time stock data and emulating a stock portfolio
- Wrote code on Node and Express to built the server along with the routes and database(MySQL)
- Pushed into production on Heoku with necessary adds on for the database
- Worked and collaborated remotely with a team of four students successfully on github

### Truman State University

AUTOMATED ATTENDANCE SYSTEM (CAPSTONE)

Kirksville, MO

Fall 2019

- Used Raspberry Pi model and its camera module to capture image and video during the class
- Designed database for student and their attendance, store images of student enroll for the class
- Applied Haar Cascade library and trained with OpenCV to detect face from the capture image
- Executed face\_recognition library from python on the captured image to return attendance

### University of Missouri

DATAFEST COMPETITION BY ASA

Columbia, MO

Apr. 2019

- Created a new fatigue score based off of the data using PCA Analysis within the given time frame
- Investigated which variables explained the most variance in PC1 analysis
- Constructed an effective pre-game tool for a rugby coach to assess the fatigue levels of athletes based on the data collected from the athletes and the games
- Won the award of "Best in Show" as a team amongst 20 teams

### Truman State University

DATA ENCRYPTION STANDARD (DES)

Kirksville, MO

Spring 2017

- Implemented the symmetric-key block cipher DES algorithm using C
- Cracked the DES algorithm key using exhaustive key search and brute force technology with various machines of AmazonEC2

## EXPERIENCE

### Truman State University

INFORMATION TECHNOLOGY SERVICE, STUDENT NETWORK TECHNICIAN

Kirksville, MO

Dec. 2017 - Dec. 2019

- Provided on-site assistance to end users pertaining to the installation, troubleshooting, and support of their computer applications and network devices
- Created, handle and monitor trouble tickets using OTRS ticketing system, routed tickets, and participated in support bridges with on-call groups during outages
- Installed, operate and maintain new and existing computer hardware and software on LAN/WAN and provide regular status reports
- Assisted student and faculty with computers, basic software, accounts, network shares and lab equipment