Bibek Timalsina

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EDUCATION

Fairfield University, Fairfield, CT May 2022

Bachelor of Science: Computer Science Minors: Mathematics, Physics

Cum GPA: 3.9, Major GPA:3.98

Professional Development: Peek Weekend (Harvard Business School), JP Morgan Software Engineering Virtual   
Experience

EXPERIENCE

Fairfield University Center For Social Impact Fairfield, CT

*Front-End Developer* July 2020-Present

● Develop a fully functional responsive website using HTML5, CSS, and Javascript

● Coordinate with graphic artists on integration of Tableu Dashboards, images, icons, banners, and other features of website

Fairfield University Computer Science Department Fairfield, CT

*Machine Learning Research Assistant For Professor Dr Haishuai Wang* April 2020-Aug 2020

● Systematically convert kaggle datasets into federated datasets using Tensorflow   
● Implement federated learning technique in various supervised learning models

● Review scholarly articles for relevant topics and conceptual improvements in federated learning algorithms

Business Analytics Team, CMMB New York, NY

*Summer Intern* June 2020-Aug 2020

● Implemented check digit algorithm to validate 5000 donors’ credit card information entries

● Managed system of receiving, processing, and acknowledging over 10,000 donor entries

● Generated ongoing analysis of donor giving trend using Blackbaud

Fairfield University Fairfield, CT

*Front End Developer Intern* Jan 2020- April 2020

● Developed code to convert design wireframes into website elements

● Used CSS, HTML5, and JavaScript to design email templates and newsletters for marketing campaigns

Fairfield University Physics Department Fairfield, CT

*Physics Research Assistant For Professor Dr. Robert Nazarian* Oct 2018- April 2019

● Used MATLAB to analyze the oceanographic data of canyons inside deep ocean   
● Analyzed the pattern of energy loss data and its relationship with canyons height

PROJECTS

Java Article Loader Application

● Developed a Java application, which scans and analyzes text files based on numerous parameters specified by   
 the user such as frequency of particular words

Darien Senior Center Website

● Developed an interactive website for Darien Senior Center using HTML5, CSS, and JavaScript

TECHNICAL SKILLS

Java, Python, JavaScript, C++, HTML, CSS

PERSONAL INTEREST

Hiking, Soccer, Table Tennis, Deep Learning