Gaurav K Gupta

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CAREER FOCUS

- Seeking for job position in Computer Science firms to enhance my skills in computing and programming components.

EDUCATION

Youngstown State University   Youngstown, OH
College of Science, Technology, Engineering, and Mathematics (STEM)
Bachelor's in **Computer Science and Mathematics**   Aug 2018-May 2022
(Senior)

PROJECT

- Undergrad Research: An Empirical assessment approaches in Missing Values Techniques in Time Series with various dataset and SoftImpute Algorithm.
- Operating System Project: Implementation of a program that copies files into and out of a VirtualBox VDI file containing a Linux ext2 filesystem.
- Software Engineering Project: An intelligent recommender system for stock analyzing, predicting, and trading using Machine Learning.
- Senior Project: Build a TestingFramework which able to run data scenarios, algorithm, and dataset. Which help to evaluation of Imputation of Missing Values Techniques in Time Series
- Finite State Machine for a non-player character, where character respond by changing the state with the help of Breadth first search algorithm, depth first search algorithm, and randomness using JAVA.
- 4x4 TicTacToe with Min-Max Algorithm to play the AI using JAVA.
- Created a shopping website such as Amazon, where users have multiple tab to complete proper shopping, through JAVA servlet, JAVA Script, Angular, and SQL.
- Implemented shortest path finding algorithm in C++.

COURSEWORK & COMPUTER SKILLS

- Programing: Python, C, C++, JAVA, Java Script, JAVA Servlet, C#, R, My SQL
- Framework: AWS, Angular, Django, PostgreSQL, Express, jQuery, POST, MongoDB, MariaDB
- Libraries: Pandas, NumPy, TensorFlow, Torch, Torch lightning
- Coursework: Data Structure and Algorithm, Operating System, Automata Theory, Discrete Structure, Introduction to Machine Learning, Development of Database, Server-Side Web Development Programming, Data Structure and Objects, Security Design, Undergrad Research, Computer Projects, Artificial Intelligence in Game Design, Advanced Database, Cloud Computing.
- Tools: Power BI, Tableau, Virtual Machine, Terminal, Visual Studio, NetBeans, Atom, Sublime text, Unity, PyCharm, Code blocks, MS office (Word, Excel, PowerPoint), Oracle SQL Developer, Adobe (Premier, Photoshop), Outlook.
- Operating Systems: Windows 9X, 2000, XP, Vista, (Win7,8,8.1,10), Ubuntu, Linux, Mac.

WORK EXPERIENCE

Computer Science Intern at Plan4Co   March 2021-Sep 2021
- Assist the Plan4Co teams in developing an innovative App (the Power Snowflake Apps). PSAs have many applications for predictive analytics, artificial intelligence (AI), Machine Learning and process automation in every industry.

Computer Science Department (YSU)   Jan 2022-Present
- Research and Development Software Specialist

Alpine Secondary School   June 2016-May 2017
- Peer tutor (Conduct individual and group study session in difficult subjects such as math and IT)

HONORS & ACTIVITIES   LANGUAGE

- YSU Penguins Hacker   English - Intermediate
- I pals   Hindi - Intermediate
- Foundation Scholar Award   Nepali- Intermediate
- Rotary Club   German- Beginners
- YSU International Scholar Award
- Dean's and President's list Award