Gaurav K Gupta

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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

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.
- Developed a shopping website, allowing users to access multiple tabs for a seamless shopping experience, leveraged Java Servlets, JavaScript, Angular, and SQL to create a robust and user-friendly platform
- Developed an efficient program in C to find the shortest path between two nodes in a weighted graph using Dijkstra's algorithm
- Salesforce LWC Project: Utilized JavaScript, HTML, and CSS for front-end development, and leveraged Apex for server-side data processing and communication with the Salesforce database

COURSEWORK & COMPUTER SKILLS

- Programing: Python, C, C++, JAVA, Java Script, JAVA Servlet, C#.Net, R, My SQL
- Framework and Component: AWS, Flutter, Angular, Spring Boot, 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

Software Engineering at Lake County Health Department   March 2022- Present
- **Creating and maintain inhouse application in C#, VB, .Net, Java, Python, MySQL.**
- **Customizing Salesforce objects, fields, page layouts, validation rules, workflows, and triggers, Integration of Salesforce with external systems using APIs, Data migration. Development of custom Lightning Components.**
- **Customizing SharePoint sites, lists, libraries, and workflows. Design, development and deployment of SharePoint ,Integration of SharePoint with external systems and data sources, Management of SharePoint permissions and access control, Development of custom web parts, pages, and SharePoint apps, Debugging and fixing technical issues**

Computer Science Intern at Plan4Co   March 2021-Sep 2021
- Assist the Plan4Co teams in developing an innovative App. It consist features for predictive analytics, artificial intelligence (AI), Machine Learning and process automation in every industry. Lead the team for the client and consulting project.

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

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