Nathan Rowe
Portfolio: https://nathanjrowe.github.io/portfolio/

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Education

University of New Mexico   Albuquerque, New Mexico
Bachelor of Science, Computer Science. GPA: 3.62   Graduation Date: December 2024
Minor: Business Management

Central New Mexico Community College   Albuquerque, New Mexico
Associate of Science: Computer Science, Physics, Engineering.   Graduation Date: April 2022

Experience

Captain Chuck's Flavor Island   Albuquerque, New Mexico
Website Designer   April 2022 – March 2024
- Implemented new features to improve updating the e-commerce storefront for administrative users.
- Re-designed front-end UX, planning the storefront for driving customer retention rate up by 27%.

Einstein Bro's Bagel Company   Albuquerque, New Mexico
Team Member   July 2020 – November 2020
- Collaborated with team members to fulfill orders in a timely matter.

Projects

UDP-Based LAN Multiplayer Game
- Led a team of three developers to create a UDP-based communication protocol for a live four-player game on a local network; split communications between different packages, and rendered updates on the clients.

HPL Benchmark Analysis Report on Hopper and Wheeler Clusters
- Co-authored a brief analysis of GFlop performance on the UNM Hopper and Wheeler HPC clusters; analyzed results from over 700 performance tests.

Traffic Control System - Software Engineering Mini-Capstone
- Collaborated with a team of five developers to design and implement an innovative system that improved traffic flow efficiency by transmitting real-time density data to local sub-controllers for optimal routing.

Activities

New Mexico DeMolay Association

- Led Chapter meetings; assigned and communicated with committees of 4-5 members to plan activities for the organization.
- Designed an online hub for members to find project information and leadership resources; leveraged Google Admin and shared drives to achieve resource sharing.

Skills

- Programming Languages: Java, Python, JavaScript
- Git Version Control
- HTML, CSS
- React JS Framework
- Problem Analysis
- Team Communication
- Learning Aptitude
- Team Collaboration
- Project Coordination

Please reach out by email for a list of References.