Divya Pateliya

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Motivated fourth-year Computer Science and Business Management student with problem-solving, communication, and computer literacy skills, seeking growth opportunities.

EDUCATION

The University of Lethbridge, Lethbridge, AB   2020 – Present

Bachelor of Science & Bachelor of Management
Computer Science & General Management
Current Co-operative Education Student
Cumulative GPA: 3.47/4.0

Relevant Coursework: Software Engineering, Data Structures & Algorithms, Data Science & Analytics, Database Systems, Discrete Mathematics, Linear Algebra, Statistics, Artificial Intelligence

TECHNICAL SKILLS & TOOLS

Languages: C++, C#.NET, Python, TypeScript, JavaScript, SQL
Web Development: Tailwind CSS, MySQL, Prisma, React, Next.js, HTML
Technologies: GitHub, Jupyter Notebook, Pandas, Matplotlib, Seaborn, Sklearn, Numpy, Plotly

APPRENTICESHIP

HELP US DEFEND, Unity Apprentice   May 2022 – August 2022
- Collaborated with a team to develop concepts for a game and how to implement it
- Developed efficient networking systems for team communication
- Focused on learning how to use C# and script objects on Unity

PROJECTS / PROFESSIONAL WORK

Client Project – SaaS & Full-Stack Web Project   July 2023 – August 2023
- Developed a Software-as-a-service application to streamline E-Commerce management processes, and developed a dynamic full-stack website for a seamless user experience
- Utilized Next.js 13 App Router and React to create an intuitive and responsive user interface, optimizing user experience
- Implemented data analytics features, enabling clients to make informed decisions based on sales trends and user behavior
- Integrated third-party APIs for payment gateways, authentication, and image uploading, expanding application capabilities
- Developed responsive front-end interfaces using React, Tailwind CSS, etc., enhancing user experience and accessibility
- Utilized Prisma to create efficient and secure interactions with MySQL databases, ensuring data integrity and management

Titanic Dataset Analysis | Python, Sklearn, Pandas, Matplotlib, Seaborn, Jupyter Notebook
- Developed and implemented a decision tree to breakdown information of categorical data
- Using Matplotlib, designed multiple graphs to present raw data for further interpretation
- Applied methods of data wrangling and preprocessing to make a random forest model