

Dhruvi Patel

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CAREER OBJECTIVE

Desiring to get a role of Data Analyst, Software Developer & Data Scientist and which are related to information technology.

EDUCATION

University of Kansas (KU)

Bachelor of Science in Computer and Information Science

May 2026

GPA 3.45/4.0

Relevant Coursework: Data Science, AI, Programming Languages & Paradigms, Software Engineering & Development, Computer Security & Graphics

TECHNICAL SKILLS

Languages: Python, Java, C++, HTML, OOPs concepts, MATLAB, Scikit- Learn, Matplotlib, Pandas, SQL, NumPy

Software: Data Analysis, Microsoft Office Suite (Excel, Word, PowerPoint), Git, GitHub, Generative AI

RELATED EXPERIENCE

Volunteer Programming Tutor (KU) (Lawrence, KS) | June 2021 – Dec 2021

- Taught programming languages like Python, C, and C++ to 15 high school students.
- Designed lesson plans that focused on fundamentals and hands-on coding practice.

PROJECTS

Predictive Model for Sales Forecasting (Python, Pandas, Scikit-learn)

May 2024 – July 2024

- Utilized Python to develop a machine learning model to predict future sales for a retail company using historical data.
- Analyzed Pandas to predict the sales for company.
- Managed and preprocessed data applied various regression models, and improved prediction accuracy by tuning model parameters using Scikit-Learn.
- Visualized the results using Matplotlib.

Data Analysis on COVID-19 Dataset (Python, Pandas, Matplotlib)

January 2024 - April 2024

- Conducted data analysis on global COVID-19 cases and trends using Python.
- Analyzed the dataset to understand the spread across different countries, created visualizations, and identified key trends using Pandas for data manipulation and Matplotlib for visualization.

E-commerce Website (HTML, CSS, JavaScript)

August 2023 - December 2023

- Built a responsive e-commerce website using HTML, CSS, and JavaScript.
- Implemented features like user authentication, product listings, shopping cart, and checkout processes.

Robotics Project (C++)

March 2023 – May 2023

- Volunteered in a robotics project in high school, developing programs for the movement of robotic arms using C++.
- Collaborated with a team to design algorithms and control mechanisms for robotic functionalities.

Blockchain- based Voting System

March 2022 - June 2022

- Developed a decentralized voting platform using Ethereum smart contracts to ensure transparency and security in voting processes.
- Implemented the project using Solidity and tested it on the Ethereum test network. Integrated front-end with web3.js to allow users to interact with the blockchain.

ACTIVITIES & REWARDS

Women in Computing Club (KU)

Fall 2022 - Present

Volunteer, Local Community Coding Events (KU)

May 2022 - July 2022