# Daksh Prajapati

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## Education

**University of Cincinnati** **Expected Graduation: May 2025**

*Bachelor of Science in Computer Science* *Cincinnati, Ohio*

**GPA:** 3.95/4.0

**Courses:** Data Structures and Algorithms, Object Oriented Programming, Computer Systems, Operating Systems, Artificial Intelligence Principles and Applications, Statistics

## Experience

**Software Developer Intern** **August 2023 - December 2023**

*Cincinnati Children's Hospital* *Cincinnati, Ohio*

- Implemented a cross-platform mobile application using .NET MAUI and Blazor, ensuring a unified user experience across Android, iOS, and Windows platforms
- Developed integrated services and UI components, utilizing Bootstrap, GraphQL and Strapi CMS to streamline content management and enable real-time updates of dynamic content
- Conducted comprehensive unit tests to improve code coverage and enhance application reliability
- Ensured clear knowledge transfer through active contribution to project documentation

**Systems Engineer Intern** **January 2023 - April 2023**

*Schneider Electric* *Fairfield, Ohio*

- Converted a MVC project based on .NET4 framework to a .NET 7 core framework
- Utilized Entity Framework and Linq Query to solve database relationship issues and performed code refactoring
- Improved website frontend using HTML, TailwindCSS, and jQuery for enhanced user-friendliness
- Designed VBA macros to streamline sorting process which resulted in 40% reduction of operation time
- Managed and updated 25 Tableau dashboards while migrating local data sources to cloud-based alternatives

**Content Peer Tutor and SRS Leader** **January 2022 - Present**

*Learning Commons* *Cincinnati, Ohio*

- Delivered comprehensive academic support to over 200 students and 3 student-athletes through personalized one-on-one sessions, effectively showcasing strong communication skills and professionalism
- Facilitated 2 review sessions weekly, promoting active learning among students
- Created activities to enhance active learning for students in Physics and Math subject courses

## Projects & Extracurricular

**Budget Tracking Application**

- Developed a web-based budget tracking application that empowers users to set budgets, log expenses, and visualize their financial data with interactive charts and analytics
- Utilized a tech stack featuring React.js, Node.js, and MongoDB to build a responsive user interface, robust server-side functionality, and efficient data management
- Implemented user registration and authentication for secure account management and data protection

**Data Visualization Project**

- Designed a data visualization project with a python programming language to analyze imported CSV files, print and sort data, and plot different types of graphs on request by engaging with people in a group
- Importing NumPy, pandas, and Matplotlib libraries to load data and perform data analysis

**Powertrain Team Member — Bearcat Electric Vehicle**

- Collaborated with students to build software for electric car to qualify and race in Formula SAE event
- Created a testing and validation program using MATLAB and C++ that collects data from sensors and performs safety checks by sending CAN signals from motor controller to different components of car including sensors, and battery

## Technical Skills

**Languages**: Python, C, C++, C#, JavaScript, Java, MATLAB, SQL

**Developer Tools**: VS code, Git/Github, Jupyter lab, Docker, Tableau, Mongo DB, Strapi CMS

**Technologies/Frameworks**: Linux, .NET MAUI, Blazor, XUnit, Node.js, React, Sklearn, Numpy, Pandas, Matplotlib, Flask, Tailwind CSS