

Saket Dhore

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Education

- **University of Wisconsin, Madison** (GPA - 3.83) 2021-2025
 - Bachelor of Science in Computer Science and Data Science
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Technical Skills

Skills : C, C++, Java, Python, HTML, CSS, JavaScript, Git, R, AWS, Flask, Pytorch, SQL, React, Excel

Relevant Coursework : AI/ML, Data Structures, Algorithms, Data Science Modeling, Discrete Math, Machine Organization and Programming, Python Programming, Linear Algebra

Work Experience

Software Engineering Intern

July 2023 - Aug 2023

Varroc Engineering Limited

- Integral member of a cutting-edge telematics team, working with embedded systems to revolutionize intelligent connectivity and data insights in the two-wheeler industry.
- Ingeniously devised a Python script to efficiently decompress telematics unit files transmitted via the internet, achieving an impressive 15% reduction in data consumption.
- Implemented a generic DBC file parser for the CAN protocol, enabling seamless data handling in embedded systems.

Study Skills Program Coordinator

Aug 2022 - Present

Greater University Tutoring Service (GUTS)

- Led coaching and mentorship sessions to students on essential study skills such as time management, note taking, exam prep, etc.
- Organized and facilitated study skills workshops and seminars for student organizations on campus.

Audio Video Technician

Sep 2021- Aug 2022

Conference Centres, UW Madison

- Demonstrated expertise in troubleshooting AV systems.
- Set up conference rooms, auditoriums, meeting rooms etc with AV equipment.
- Demonstrated strong customer service skills by catering to clients' AV system needs.

Student Intern

Jun 2020 - Jul 2020

SunStar Plastotech Pvt. Ltd.

- Acquired a strong understanding of manufacturing company operations through hands-on experience. Enhanced knowledge of plastic raw materials, injection molding machines, and product development.
 - Gained familiarity with Oracle-based ERP systems.
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Personal Projects

EyeMouse

Jun 2023

- Eye Mouse is a Python project that utilizes computer vision and facial landmark detection to track the user's eye movement and perform actions on the screen.
- This project demonstrates how to use OpenCV, Mediapipe, and PyAutoGUI libraries to create an eye-tracking application.

Decoding Defense's Role in Basketball Championships

Apr 2023

- Led an extensive R-based data analytics project investigating the maxim "defense wins championships," uncovering insights from over 40 years of basketball data.
- Consolidated diverse data into a unified table, enhancing data wrangling efficiency. Applied advanced statistical methods, including regression and clustered bar chart visualization, revealing an approximate 0.55 r-value, signifying moderate to strong support for the maxim.

StoreIt

Nov 2022

- Developed a feature-rich web application using HTML, CSS, JavaScript, PHP, and SQL integration, making significant contributions to the sign-up and login pages as well as connecting the website to the database.
- Led team to secure 4th place out of 200 students in a highly competitive hackathon, showcasing exceptional skills in web development.
- Presented a compelling pitch highlighting the innovative capabilities of the web application.