
RISHIT SHARMA

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SUMMARY

CS student with a passion for problem-solving and a background in building cross-platform applications and machine learning models. Seeking a summer internship to apply technical skills and learn from experienced professionals.

PROJECTS

Rangish Website

Summer 2025 – Present

- Crafting a website for a local artist with React that dynamically changes based on data stored on GitHub, which is used as a database.
- Implementing natural animations to keep site visitors engaged and utilized Google Translate for localization.
- Writing a Flutter app that uses Git to allow the artist to easily manage the website's database.

WeatherML

Summer 2024

- Used 10 years of historical weather data from the NOAA to train a feedforward neural network with PyTorch.
- The model was trained to predict the weather in Clive, Iowa with an accuracy of ± 3 °F.

The Praaccc App

Winter 2023 – 2024

- Developed a cross-platform app with Flutter for a high school swim team with over half the team as users.
- Utilized Firebase for a real-time database and push notifications, allowing team members to add real-time ratings and reviews of daily practices.

EXPERIENCE

Associate Web Designer, Waukee APEX

Jan 2025 – May 2025

- Created and maintained client relationships, met deadlines, and worked to meet goals.
- Developed a website that supports a local photographer's business with a print service.

FTC Head Programmer, Metallum Ultorum

Sep 2022 – Feb 2025

- Wrote Java code to operate robot controls over Wi-Fi Direct.
- Developed autonomous operations using computer vision and sensors to identify and retrieve specific objects

EDUCATION

Purdue University

Aug 2025 – May 2029

- Anticipated BS in Computer Science
- *Relevant Coursework: Object-Oriented Programming (CS 180BLK), Honors Multivariate Calculus (MA 271), The Data Mine (TDM 101)*

Waukee Northwest High School

Aug 2021 – May 2025

- High School Diploma
- GPA: 4.214
- *Relevant Coursework: Aspiring Professional Experience in Web Design*

SKILLS

Programming Languages: Flutter/Dart, Java, Python, HTML5/CSS/JS, React/TSX, Tailwind CSS

Cloud Technologies: REST, Firebase (Firestore, Cloud Messaging, Cloud Functions), git/GitHub

Libraries & Frameworks: Computer Vision, Pytorch, Pandas, NumPy, Matplotlib, Framer Motion, GitHub Copilot

Languages: English (Native), German (Conversational), Hindi (Conversational)