

RISHIT SHARMA

COMPUTER SCIENCE MAJOR

OBJECTIVE

To obtain a part-time or full-time summer internship to gain experience performing software engineering-related work.

PROJECTS

RANGISH WEBSITE

SUMMER 2025 - PRESENT

Created a website for a local artist with React that dynamically changes based on data stored on GitHub (used as a database), utilizes natural animations to keep site visitors on the page, and implements localization using Google Translate. Wrote a Flutter app utilizing git to allow the artist to easily manage the website's database.

Technologies: React, Tailwind, Flutter, git/GitHub, i18next

WEATHERML

SUMMER 2024

Used 10 years of historical weather data from the NOAA to train a feedforward neural network with Pytorch to predict the weather in Clive, Iowa with an accuracy of $\pm 3^{\circ}\text{F}$.

Technologies: PyTorch, Pandas, NumPy, Matplotlib

PRAACCC APP

WINTER 2023-2024

Created a cross-platform app with Flutter utilizing Firebase for a real-time database and push notifications, allowing swim-team members to add real-time ratings and reviews of a given day's swim team practice at my high school.

Technologies: Flutter, Firebase (Firestore, Cloud Messaging, Cloud Functions)

EXPERIENCE

ASSOCIATE WEB DESIGNER, APEX WAUKEE JAN 2025 – MAY 2025

Created and maintained client relationships, met deadlines, and went above and beyond to meet goals to create a website that now supports a local photographer's business with a print service(The Print Space).

FTC HEAD PROGRAMMER

SEP 2022 – FEB 2025

Wrote Java code to operate robot controls over Wi-Fi Direct, run autonomous operations that dynamically adapt based on computer vision and sensor input, and use Roadrunner to map and follow paths during both remote control and autonomous control.

Technologies: Java, Limelight CV, FTC SDK, Roadrunner Path Planner

CONTACT

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EDUCATION

PURDUE UNIVERSITY, 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, 2025

High School Diploma (**GPA 4.214**)

Relevant Coursework: Aspiring Professional Experience in Web Design

SKILLS

Flutter

Java

Python

HTML5/CSS/JS

React/TSX

Tailwind CSS

Computer Vision

Pytorch

REST

Firebase

git/GitHub

Google Play Console

App Store Connect

GitHub Copilot/Gemini/ChatGPT

LANGUAGES

English - Native

German/Hindi – Conversational