

# Reya Desai

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## Education

### University of California Riverside, Bourns College of Engineering

Bachelors, Computer Science

Riverside, CA

June 2026

Relevant Coursework: Discrete Structures, Software Construction, Logic Design, Machine Org & Assembly Lang Prgm, Applied Linear Algebra, Data Structures and Algorithms, Technical Communications, Intermediate Data Structures and Algorithms

Awards: Chancellor's Honors List, Deans List x4

### Glenbard North High School

Illinois State Scholar, Academic Letter x4, GBN Award for Highest Honors

AP Scholar Award, AP Capstone Award

8 AP Classes, 6 Honors Classes

Carol Stream, IL

August 2019- May 2022

## Experience

### AI Writing Evaluator

Remote

#### *Outlier AI*

June 2024-Current

- Evaluated AI-generated writing for quality, ensuring adherence to rubrics focused on factuality, completeness, and grammatical correctness.
- Conducted peer reviews of co-workers work, providing constructive feedback to maintain high standards of excellence.
- Crafted high quality original responses to prompts, serving as a benchmark for teaching AI models to produce superior writing.
- Demonstrated exceptional writing style, spelling, and grammar skills, paired with the ability to articulate strengths and weaknesses of content.

## Projects

### Vegetarian Diet Impacting Students' Working Memory

- Conducted an experimental study utilizing a digit span test to assess the potential impact an individual's diet has on the working memory of students based in a high school in Carol Stream, IL
- Developed and implemented a Python program to efficiently organize collected data, improving data management and efficiency
- Utilized statistical analysis, specifically a simple linear regression test, to rigorously examine the relationship between dietary choices and working memory performance
- Findings suggested that heightened meat consumption is associated with a decrement in scores in the digit span test

### Digital Store Application Template

#### *Leveraged: Git, YAML Workflow, G-test mode*

- Collaborated with a group of four members to develop a comprehensive digital store framework
- Engineered a user-friendly interface enabling admins to manage items, prices, inventory, and payment settings
- Facilitates user interactions for accessing admin-configured items, managing carts, checkout, and secure payments
- Implemented project in C++

### Personal Website

- Implemented a website utilizing HTML, CSS, and Javascript to show more about myself
- Ensured the website is fully responsive and accessible on various devices
- Managed the project using Git for version control, ensuring smooth collaboration and tracking of changes over time
- Incorporated JavaScript functionalities such as a dynamic portfolio gallery, interactive forms, and smooth scrolling effects to enhance user engagement and interaction

## Skills

**Programming Languages**: C++, Python, HTML, CSS, Javascript, Assembly, Verilog

**Technical**: Microsoft: Excel, PowerPoint, Word, Google: Sheets, Docs, Slides, Drive, Adobe: Photoshop, Illustrator,

Additional: iMovie, Canva, VSCode, Github, Latex

**Language**: English: Native, Gujarati: Native, Hindi: Full Professional Proficiency, Spanish: Professional Working Proficiency