

YUG PATEL

Kent State University – 216-632-494 | Apt F35, 4713 Country Lane, Warrensville Heights, OH 44128

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EDUCATION

Kent State University

Kent, OH

Jan 2022- Dec 2025

- Bachelor of Science in Computer Science
(GPA: 3.609/ Major GPA: 3573)
- Relevant Courses: Data Structures and Algorithms (Spring 2023), Discrete Structures (Spring 2023), Applied Linear Algebra (Spring 2023), Intro to Object Oriented Programming with C++ (Fall 2022), Brief Calculus 2(Fall 2022), Decision Making Under Uncertainty (Applied Statistics with R, Fall 2022)

ACADEMIC PROJECTS

Kent State University

Kent, OH

- **Bigint** – An ADT that performs addition and multiplication for numbers far exceeding C++ inbuilt capacities.
 - **String ADT**: A String ADT similar to inbuilt STL library string with multiple useful functionalities like parsing useful real life strings like ip addresses to extract useful bits of information.
 - **Tic-Tac-Toe**: Tic Tac Toe game using Vectors and two-dimensional Arrays.
 - **Sorting Algorithms**: Demonstration of selection and insertion sort algorithm using arrays in C++.
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EXPERIENCE

Mathematics Tutor, Kent State University

Jan 2023- Present

- Responsible for tutoring university students in Mathematics courses Calculus 1 and below
- Work with students to improve their weaknesses.
- Assign task on a regular basis and assess improvement.
- Develop instructional material for students' aid via note taking.

English Language Tutor, EEC India

Oct, Nov 2021

- Responsible for tutoring IELTS level English to IELTS aspirants.
 - Work with students improve their speaking, writing skills and provide constructive feedback.
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SKILLS

Languages and Databases: C++, MySQL, Python

Other Skills: HTML, RStudio, SVN

HONORS

Dean's List: Spring 2022, Fall 2022

May 2022, Dec. 2023