

# Vaishnavi Gudimella

---

226-236-6312 | [gudimellavaishnavi@gmail.com](mailto:gudimellavaishnavi@gmail.com) | <https://www.linkedin.com/in/vaishnavi-gudimella> | <https://github.com/eventidesun>

## QUALIFICATIONS

- Experience using a range of computer languages, libraries, and software.
- Problem-solving and time management skills; able to successfully work on different problems within a set time
- Adept at working individually as well as in groups on group projects and research.
- Oral and written fluency in English and Telugu. Professional working proficiency in Hindi, French, and Spanish.
- Passionate about mathematics and computer science with a particular interest in emerging technologies within artificial intelligence and software development.
- With an interest in full-stack web development and software development, I am seeking opportunities to work with other people, gain new skill sets, and work with creating web applications and work on software development.

## EDUCATION

September 2022 - Present | University of Western Ontario  
Honors Specialization in Applied Mathematics, Major in Computer Science

## EXPERIENCE

November 2023 – Present | Programmer/Product Designer | Women in Tech Society (Wits) Ada Mentorship Program

- Designing a user-interactive web application using Figma
- Cooperation with a group of fellow product designers and programmers

September 2022 – Present | Junior Director of Internal Affairs | Western Women in Computer Science (WiCS)

- Advocating for women in computer science
- Cooperation with fellow executive members of the club as well as event and social planning with them
- Helped plan and participated in a speaker event advocating for a career in technology

## PROJECTS

### Web Development

- Proficient in HTML, CSS, and JavaScript (Vanilla JavaScript and jQuery)
- A Movie Night Experience website where different movie options and tips for the best movie night experience are provided
- A business website promoting the use of eco-friendly products
- Tip Calculator – calculates the tip of a bill of any amount
- Age Calculator – calculates the age of a person depending on exact birthday (year, month, and day) and indicates a warning message if no date is provided
- To-do List – an interactive user web page to personalize one's own to-do list (add, cross out, and delete items on the list to make it user-friendly and fun to use)
- Weather App – an app to access weather from any city with the use of JavaScript and an API.

### Data Structure and Algorithms

- Acquired knowledge of stacks, queues, trees, graphs, and tables; searching and sorting data; and applying my knowledge through simple Java and C++ programs and projects. Experienced in Linux and coding in C as well.
- Created a Tic-Tac-Toe game in Java where one can play against the computer in both easy and hard modes
- Created a password-guessing program in Java using search algorithms.

### Database Analysis

- Proficiency in SQL, R, and Python
- Created a pizza ordering system using Python to organize different orders and toppings to calculate the price of small, medium, and large pizzas depending on any number of toppings (started as a school project, continued as a personal project)

References available upon request