Sathvik Haridasu

PROFILE

I am a highly motivated and dedicated high school student with a strong passion for technology and innovation. I have experience in coding with Python and have worked on various personal projects, such as building a facial recognition system and developing an interactive game. Through my roles as a volunteer and assistant coach at Launch Waterloo, I honed my skills in teamwork, problem-solving, and communication while fostering a positive and collaborative environment. I thrive in challenges and have a creative mindset that helps me approach problems from unique angles. Outside of tech, I am also involved in athletics as a member of my high school badminton team and have a strong interest in music. I am eager to continue developing my technical skills and apply them in real-world projects that push the boundaries of innovation.

Job Experience

September 2023 - February 2024

Skill Samurai l Chaplin Family YMCA, Cambridge

Coding Instructor

- Creating weekly Lesson Plans
- Setting up Laptops and Computers
- Teaching children engaging coding content through Python and Scratch
- Meeting with Parents
- Assigning Homework
- Following given rules and regulations by the Company and the YMCA

July 2024 - August 2024

Brick Works Academy I Knox Church, Waterloo

Camp Counsellor

- Developed and executed weekly lesson plans tailored to children's learning levels.
- Prepared laptops and computers for coding sessions, ensuring smooth setup and operation.
- Taught interactive and engaging coding lessons in Python and Scratch to children.
- Held meetings with parents to discuss progress and answer questions.
- Assigned homework to reinforce coding concepts covered in sessions.
- Adhered to all guidelines set by Brick Works Academy and YMCA for safe and effective instruction.

CONTACT

📞 +1 (226) - (507) - (5403)

✉️ sathviksh6@gmail.com

EDUCATION

2025-2026
HIGH SCHOOL DIPLOMA

Laurel Heights Secondary School

Skills

- Communication Skills
- Ability to work well in a team
- Time management and organization skills
- Customer Service
- Childcare Skills
- Creative Mindset
- Adobe Photoshop
- Python & HTML

Sathvik Haridasu

CONTACT

📞 +1 (226) - (507) - (5403)

✉️ sathviksh6@gmail.com

EDUCATION

2025-2026
HIGH SCHOOL DIPLOMA
Laurel Heights Secondary School

Additional Skills

- Experienced with facial recognition software and emotion-based response systems, including a system that organizes music playlists by genre and emotion.
- Proven success in cooperative roles as an educator in math, English, and coding, fostering an engaging learning environment.

Interests

- Music
- Badminton
- Basketball
- Volunteering
- Programming

VOLUNTEER EXPERIENCE / PROJECTS

NeoDev Hackathon - 4th Place
October,2924

Back- End Programmer

- Collaborated with a team to develop a facial recognition program in Python.
- Designed software to identify facial expressions and trigger specific actions based on detected emotions.
- Demonstrated team strengths in back-end development and creating user-focused, innovative solutions.
- Enhanced user experience by providing real-time emotional analysis and customized responses.

LAUNCH Waterloo
Sep 2022 - Jun 2023

Assistant Coach

- Assisted Head Coaches in leading and teaching youth from Senior Kindergarten to Grade 8 in STEAM-themed programs.
- Supported and engaged participants through interactive activities, promoting a fun and educational environment.
- Acted as a mentor, guiding young learners and fostering interest in STEAM subjects.
- Collaborated with the coaching team to deliver impactful and engaging sessions, inspiring the young minds of tomorrow.

VH SPORTS - BASKETBALL TOURNAMENT
2024 - 2025

Founder & Organizer

- Organized and managed a basketball tournament from concept to execution.
- Coordinated logistics, including scheduling, team formation, and venue arrangements.
- Promoted teamwork, sportsmanship, and a positive competitive environment for participants.
- Successfully facilitated an engaging and well-organized event, bringing together players and fostering community spirit.

Technical Skills and Development Experience

- Programming Languages: Python, including experience teaching Python to children and working with Tkinter for interactive projects.
- Front-End and Back-End Proficiency: Extensive work in front-end (web and application interfaces) and back-end (server-side development).
- Graphic Design and Advertising: Designed a high-end advertisement using Adobe Photoshop for a fictional company targeting luxury clientele, with an emphasis on advanced design principles like typography, color theory, and layout composition.

REFERENCE

Shawn Humes

Activity Coordinator
Phone: +1 (519) 572-5007

Amanda Nicole Helka

Launch Waterloo
Phone: +1 (226) 927-5335
Email : amanda@launchwaterloo.ca