Tharun Venkatesh

KingBronFan23@gmail.com
Home Phone: 250-721-2269
Mobile Phone: 250-986-1810
Webpage: https://kingbronfan23.github.io/TharunVenkatesh.github.io/

Objective
I'm a first-year Computer Science student at the University of Waterloo and a graduate of the Challenge Program for Gifted Students at Mount Douglas Secondary School. I am seeking a Summer 2025/2026 internship in software development to enhance my understanding of the Software Development Life Cycle (SDLC) through hands-on experience in key stages such as requirements analysis, design, development, testing, deployment, and maintenance. I am also interested in exploring any other opportunities your company offers to internship candidates, such as engaging in real-world projects, collaborating with experienced teams, and developing practical skills in a dynamic environment.

Education
Bachelors of Computer Science (Honours with Co-op) - University of Waterloo, Waterloo, Ontario, 2024 - 2029   **Dogwood Diploma -** Mount Douglas Secondary School, Victoria, BC, 2020-2024 (4.0 unweighted GPA, average grade of 96/100)

Work Experience	
ChatGPT Therapy: A Sentiment Analysis	**September 2024 - Present** Remote
I am currently participating in a data science undergraduate research project with Professor Smita Ghosh at Santa Clara University, exploring the implications and opinions of ChatGPT therapy. As part of this project, I aim to: - Learn Python for data analysis and manipulation - Gain insights into data cleaning, processing, and scraping techniques - Deepen my understanding of broader concepts related to sentiment analysis	
Headstarter AI Fellow **50 hours**	**July 2024 - August 2024** Remote

As a fellow at Headstarter,
- I learned the basics of NodeJS, Firebase, React, Terminal, and VSCode before university through numerous projects.

Science Venture Junior Counsellor **160 hours**	**July 2022 - July 2023** University of Victoria

As a Science Venture JC,
- I taught coding and STEM basics for 80 hours each over two summers to children in Grades one through eight

Computer Science Teaching Assistant (TA) **120 hours worked**	**September 2023 - January 2024** Mount Douglas Secondary School

As a Computer Science 11/12 TA
- I taught and guided my fellow high school students through Object Oriented Programming, Java, Python, and more advanced coding concepts.

Math Challengers Senior Coach **30 hours worked**	**September 2022 - June 2024** Mount Douglas Secondary School

As a Math Coach,
- I taught and mentored students from local middle schools for different math contests

Peer Tutor **60 hours worked**	**September 2022 - June 2023** Mount Douglas Secondary School

As a peer tutor, I volunteered my time after school to
- Teach and guide my fellow peers through many high school STEM courses

School District Representative **20 hours worked**	**September 2023 - June 2023** Mount Douglas Secondary School

As a school district representative nominated from my school,
- I worked district administrators to find prevalent issues among the student body and determine solutions

Awards and Certifications	

- University of Waterloo Presidents Scholarship of Distinction - *2024*
- Academic Honor Roll - *2019-2024*
- District Authority Award for Community Service **- *2024***
- School Service Award - *2023*

● Certificate of Distinction in the Canadian Intermediate Mathematics Contest (CIMC), Canadian Open Mathematics Contest (COMC), Fermat Contest, University of Waterloo - *2021, 2022, 2023*	

Skills and Abilities

- Exceptional Interpersonal and teaching skills
- Excellent oral and written communication skills
- Outstanding leadership and organization skills
- Advanced programming and coding skills in Java, HTML, CSS, Python, PHP, and JavaScript

Top Projects - Using Java, JavaScript, HTML, CSS, and PHP
Github Repo - https://github.com/KingBronFan23/My-Projects

TutorMD (Website) - I developed a website in which tutors can log in, create a profile with a profile picture and description, and choose which courses they can tutor such that a student can log on to find an appropriate tutor for their needs. *HTML, CSS, PHP, JavaScript*

Personal Profile (Website) *In Progress* - I developed a website in which my portfolio, projects, and downloadable resume are present in an appealing format for future employers to see! *HTML, CSS*

Student Timetable Project *In Progress* - I'm developing an algorithm to assign all the students in my school a timetable of courses based on their requests! *Java*

Monkey Run (game) - A game in which you control a determined monkey who attempts to reach forested freedom by running away from his zoo captors! With 4 levels of increasing difficulty, waves of zookeepers will try to stop you, can you be free or will you be caught? *Java*

GOATBALL 1.0 (Game) - A game in which you and your friend can each control one of your favorite superstars Lionel Messi, Cristiano Ronaldo, or Neymar Junior as you face off in an exciting game of football with all rules built in! *Java*

Albert and Simon's Adventure (game) - A grid-style game where on your path to reach freedom with your rider you need to navigate through enemies, obstacles, and challenges! With 5 different difficulties and 21 different levels of increasing difficulty there's no shortage of challenge!*HTML, CSS, JavaScript

Pong (game) - Simplicity is heaven. Take down your friends in a lovable retro game where you can use powerups on an increasingly faster ball to show your friends who's better!*HTML, CSS, JavaScript*

Extracurricular Activities

Basketball Coach - *100 hours worked*	**September 2023 - June 2024**
Tamil Teacher - *30 hours worked*	**September 2023 - June 2024**