

Thevindu Gunasekera

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EDUCATION

University of Waterloo

Bachelor of Computer Science

Waterloo, ON

Sep. 2026 – Apr. 2031

White Oaks Secondary School

Ontario Secondary School Diploma

Oakville, ON

Sep. 2022 – Jun. 2026

- Relevant coursework: Computer Science (ICS4U), Calculus & Vectors, Advanced Functions, Physics

EXPERIENCE

Front-End Developer Intern

Niukraids Inc.

Feb. 2025 – May 2025

Toronto, ON

- Contributed front-end development to the Moya Intranet Development Project, an internal web platform for company staff
- Built responsive, cross-browser interfaces using HTML5, CSS3, Bootstrap, and JavaScript from provided design mockups
- Worked with the development team through code review and iterative feedback while completing secondary school

Booth Attendant

Canadian National Exhibition (CNE)

Aug. 2025

Toronto, ON

- Staffed a vendor booth throughout the CNE's peak season, serving a high volume of visitors daily in a fast-paced festival environment
- Handled customer inquiries, transactions, and product presentation while keeping the booth stocked and organized
- Coordinated with fellow staff across long shifts to manage lineups and maintain service quality during rush periods

PROJECTS

Phantom | *Python, Satellite Imagery, Geospatial Analysis*

Aug. 2026

- **Winner, Ignition Hacks V.7** — a carbon credit rating agency that scores offset projects on whether the emissions reductions they sell actually happened
- Measured satellite-observed forest loss inside each project's boundary against a surrounding buffer ring, isolating the project's real additionality instead of relying on self-reported figures
- Converted the gap between claimed and verified impact into an "unsupported dollar value" for any single project or an entire credit portfolio
- Reframed a climate integrity problem as a financial risk metric, giving credit buyers and auditors a comparable quality score across offset projects

Math Homework AI Helper | *JavaScript, HTML/CSS, LLM API*

Jul. 2026 – Present

- Built a web app that accepts a typed problem or an uploaded image and returns a detailed, step-by-step solution
- Implemented image upload handling and prompt construction to pass problem context to an AI model
- Rendered formatted explanations in the browser for readability across different problem types
- Extending the project into a browser extension so solutions can be requested from any page

TECHNICAL SKILLS

Languages: JavaScript, Python, HTML/CSS

Frameworks: Bootstrap

Developer Tools: Git, GitHub, VS Code, Claude Code, L^AT_EX

Concepts: Responsive web design, REST APIs, geospatial & satellite data analysis, cross-browser compatibility, version control