

ERIC SONG

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First-year Statistics & Mathematics student at UofT with hands-on experience in software development, algorithmic systems, and data-driven content creation. Seeking CS/stats internships to apply real-world engineering experience.

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## EDUCATION

**University of Toronto Class of 2029** Sept 2025 – Present

*Honours Bachelor of Science (HBSc) in Statistics and Mathematics*

Relevant Coursework: Computer Science I, Mathematical Proofs, Calculus I, Calculus II

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## EXPERIENCE

**Math Tutor — Kwiki (UofT × Khan Academy Partnership)** Jan 2026 – Present

- Delivered 1-on-1 tutoring in foundational mathematics, strengthening logical reasoning and problem solving
- Communicated mathematical ideas using multiple explanation strategies based on student learning style

**Digital Content Creator — YouTube / Social Media** Oct 2021 – Present

- Generated five-figure revenue through sponsorship negotiation, audience analytics, and content iteration
- Grew social media channel to 140M+ total views and 290K+ followers using data-driven content optimization

**Programmer — VEX Robotics** Sept 2020 – Jun 2024

- Developed autonomous navigation using PID control and odometry, contributing to ~80% improvement in game scoring
- Rapidly learned new robotics frameworks and optimized C++ autonomous routines under competition constraints

- Qualified for VEX World Championship and three Provincial Championships
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## PROJECTS

### **CS2 Marketplace Trading System**

Jan 2026 – Present

*Python, REST APIs, Multithreading, Cloud Infrastructure, Git*

- Built a Python bot that monitors thousands of live marketplace listings, automatically places and adjusts competitive buy orders, and has generated four-figure revenue
- Implemented adaptive rate limiting and concurrent request handling to stay within API limits while minimising runtime from 15+ minutes down to under 10
- Extended the system with an auto-auction bot that continuously re-lists inventory on 24h cycles, deployed on a DigitalOcean cloud VM with GitHub-based CI for automatic updates
- Designed persistent state across runs using JSON, with automatic order recreation when listings are filled and real-time Discord alerts on bid changes

### **Automated Browser Interaction System**

Feb 2026 – Present

*Python, Selenium, REST APIs, Git*

- Built a Selenium WebDriver automation tool that simulates realistic human browsing behaviour, including variable-speed typing with real-time error correction, randomized scrolling, and dynamic click patterns to interact with web-based reward platforms at scale
- Engineered a multi-layer safety system with URL validation, domain blacklisting, and extension filtering, alongside a Wikipedia REST API integration for infinite programmatic content generation
- Designed a dynamic scheduling algorithm that evenly distributes tasks across configurable time windows with randomized variance to eliminate predictable execution patterns

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## SKILLS

**Programs:** Python, Java, JavaScript, R

**Data & Technical:** REST APIs, JSON, Regex, Git, GitHub, Webhooks, Selenium, Web Scraping