

Thomas Nolasque

[linkedin.com/in/thomas-nolasque](https://www.linkedin.com/in/thomas-nolasque) | github.com/starlord678
thomas@nolasque.com | www.nolasque.com

EDUCATION

BSc Computer Science Honors | Carleton University, Ottawa *September 2022 – Present*
IBDP (International Baccalaureate), and Certificate of Bilingual Studies *Completed May 2022*

PROFESSIONAL & VOLUNTEER EXPERIENCE

South Street Burger General Staff | Oakville *August 2021 – July 2022*

- Settled disagreements and managed clientele with tact and diplomacy.

Toraguchi Martial Arts Dojo Teacher Assistant | Oakville *January 2021 – June 2022*

- Developed and improved upon strategies for each student, turning shortcomings into successes.

LiveInCan, OakEdu - Technical Assistant | Oakville *August 2018 – August 2021*

- Understood complex issues by researching and analysing the root cause, implementing solutions.

Robotics Club Member | Oakville *September 2018 – June 2019*

- Used [Lego Mindstorms](#)' colour detecting component to build a robot capable of outmaneuvering its opponents in duels, while avoiding exiting the arena.

PERSONAL PROJECTS

Portfolio Website | HTML/CSS, PHP, JavaScript

- Handmade a website using Dreamweaver, self-hosted using Internet Information Services.
- Resolved issues with lack of PHP support for the domain name and issues with port redirecting.
- Implemented JavaScript to customize the user experience.

Board Game Combat Simulator | C#

- Created a C# program, as part of a game, capable of running hundreds of simulated combats between different heroic fantasy creatures. For instance, the program shows an animation of different types of dices, to simulate dices being rolled visually.
- The program then extracts their distinct characteristics from a Microsoft Excel spreadsheet, modifying another spreadsheet by adding 1 to a specific cell indicating the winner of the duel.

Battle Snake Competition | Python, Flask

- Utilized Flask, a python micro web framework, for coding a battle snake. Placed in an arena identical to the original snake game arena, it sent it's chosen move every half a second to the competition's webserver, which then updated the snakes' positions and status on the board.
- Our battle snake placed 2nd out of 25 in the Carleton Computer Science Society's competition.

AWARDS & ACHIEVEMENTS

- [EUCLID UofWaterloo Mathematics Contest](#) – 1st place (May 2022)
- [GAUSS UofWaterloo Mathematics Contest](#) – 2nd place (May 2018, 2019)
- [Caribou Mathematics Competition Online](#) – Top 15% worldwide (2017, 2018, 2019)
- [12 Years of Karate, Black belt ranked](#) (June 2022)