

Owen Ng

🌐 [Website](#) ↩ [Leetcode](#) ✉ nigel.ngyanhing@mail.utoronto.ca 📄 [Owen-Ng](#)

EDUCATION

University of Toronto June 2021

Honors Bachelor Of Science

- Major in **Computer Science** and Economics, Minor in mathematics
- 3.09 CGPA

SKILLS

- **Programming** Python, JavaScript, C, PHP, Java, TypeScript, Racket, Haskell
- **Web** HTML, CSS, PostgreSQL, MongoDB, Neo4J
- **Frameworks** React, Mongoose, Express, CORS, Git, NodeJS

WORK EXPERIENCE

Cyber Security Engineer / Developer August 2021

TCS Canada

- Deployed **JAVA** and **XML** code to automate Security Access Management features.
- Resolved each incidents within the Security Access Management **within 1 hour with 100% success rate**.

Software Developer January 2021

Housee Technologies

- Maintained the middleware layer for frontend development and created backend API to fetch information from Housee technologies database for customers to interact with.
- Constructed the backend and frontend using **ReactTS**, **CSS**, **NodeJS**, and **MongoDB**.
- Created a Search Engine and Filter functions to help users find the properties they are looking for.
- Improved the load time of the listing page by **99%** by modifying the backend schemas and data structures.

Teaching Assistant January 2021

University of Toronto

- Taught web development framework/programming namely **JavaScript**, **CSS**, **HTML**, **PHP**, **NodeJs**, and **ReactJs** to a class of 40 students through exercises and lectures while maintaining at least **82% attendance rate**.
- Worked with professor to create lessons around the curriculum and for upcoming tutorial.

Projects

Oslyn	Music Accompaniment cross platform mobile application powered by AI.
Project Ceres	Utility website to assign groceries tickets to family members.
HeadJS	JavaScript API to create customizable widget for websites.
Sudoku	A Sudoku web application in ReactTS powered by an efficient Sudoku solver algorithm with a time complexity of $O(n * m)$ where n is the number possibilities for each square and m is the blank squares.