

# KHOI NGUYEN

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## EDUCATION

### University of Toronto

June 2021 - April 2026

B.Sc. in Computer Science & Mathematics

Overall GPA: 3.70/4.00 GPA

- **Relevant Courses:** Software Design, Probability and Statistics I, Introduction to Theory of Computation, Software Tools and Systems Programming, Data Structures and Analysis, Operating Systems, Parallel Programming

## SKILLS

### Computer Languages

Java, Python, C/C++, Javascript, SQL, Shell, Bash, Perl

### Frameworks and Technologies

Node.js, React.js/Next.js, MySQL, Firebase, Linux/Unix, Git, Flask

### Tools

Vim, gcc, gdb, valgrind, git, github

### Professional Skills

Adaptability, Problem-solving, Team Player, Creative, Reliable, Agile

### Languages

English, Vietnamese

## WORK EXPERIENCE

### Software Developer

July 2023 - Present

*XtayPro Canada*

*Toronto, ON*

- Designed and programmed the front-end of the XTayPro Canada website using **Next.js** and **Tailwind CSS**.
- Assisted in setting up XTayPro's Github, Trello, and hosting on Digital Ocean and technological team in Canada.
- Researched and advised on improvements for the company's website.

### Tech Champion

April 2022 - May 2023

*SEED Immigration*

*Toronto, ON*

- Automated the process of preparing scanned documents by developing a **Vue.js** and **Flask** web application by using PDFjs module.
- Observed multiple processes in the company, and presented ideas to the board of directors about technological improvements

### Software Developer (Intern)

June 2022 - August 2022

*Nexle Corporation*

*Ho Chi Minh City, Vietnam*

- Programmed the front-end of a content management system for the client using **React** and **Redux**
- Designed and built the back-end, and APIs of a fitness app using **Node.js**, and **MySQL** maximizing efficiency and ease-of-use for front-end developers.
- Debugged old bugs on existing projects on both front-end and back-end, tested new code for bugs reducing the chance of application breaking bugs.

## EXTRACURRICULARS & VOLUNTEER ACTIVITIES

### Tech Associate

September 2022 - Current

*Mathematical, Computer Science, and Statistics Academic Society*

*University of Toronto Mississauga, ON*

- Diagnosed and debugged existing club website that uses **Next.js** improving use experience.
- Built script to automate email to users using **Mailchimp** and **Python**
- Organized DeerHacks hackathon (deerhacks.ca) with 300+ participants, and 50+ entries.