

# Eric Liu

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## Education

### UNIVERSITY OF TORONTO

H.B.SC. IN CO-OP COMPUTER SCIENCE

GPA: 3.78/4.00

Graduation: May 2028

## Projects

### HANDS-ON FLUENCY 🌀 | REACT, TAILWIND, OPENCV, PYTHON, MYSQL

Nov 2023

NewHacks

- Implemented an ASL learning platform utilizing OpenCV's machine learning capabilities to recognize and interpret user hand signs in real-time, enhancing the learning experience by providing immediate feedback on sign accuracy
- Engineered a sophisticated login system with Python and MySQL that enables users to access personalized learning paths based on skill levels, tracking and analyzing user progress and proficiency levels within the platform
- Crafted an intuitive and visually appealing interface using Tailwind and React, ensuring responsiveness across devices, allowing for an easy-to-navigate platform and an immersive learning environment

### EXERTRACK 🌀 | REACT, NODE, EXPRESS, MONGODB, BOOTSTRAP

DEC 2023

Personal Project

- Developed a dynamic website enabling the addition and modification of exercise logs in real-time, enhancing usability as well as easy data retrieval and modification for users
- Leveraged Node, Express and MongoDB to create a robust back-end that can support a multi-user experience with separate sets of exercise data

### FOCUS BOT 🌀 | PYTHON, DISCORD API, GOOGLE TRANSLATE API, CHEMLIB

JAN 2024

Personal Project

- Created a Discord bot equipped with task management functionalities using the Discord API, allowing users to set and manage timed reminders, increasing productivity in a school/study Discord environment
- Integrated a robust translation tool using the Google Translate API, enabling rapid translation between French and English within Discord channels, facilitating easy communication and learning among multilingual users

## Extracurriculars

### GOOGLE DEVELOPER STUDENT CLUB | UNIVERSITY OF TORONTO

Sep 2023 - Present

- Volunteered in networking events and tech talks, attracting attendances of up to 100 students per session, and helped secure speakers, facilitate discussions, and foster a vibrant academic community
- Helped coordinate tech literacy workshops for students enrolled in technical fields increasing club visibility and garnering recognition, leading to a 20% rise in membership

## Skills

**Languages:** JavaScript, TypeScript, Python, Java, C, HTML, CSS

**Libraries/Frameworks:** React.js, Node.js, Express.js, Bootstrap.css

**Technologies:** Git, MongoDB

## Work Experience

### METRO | PRODUCE ASSOCIATE

May 2023 - Present

- Enforced strict quality control protocols to maintain the highest standards for produce freshness and presentation, resulting in a noteworthy decrease in product returns and customer complaints