

JAEYONG LEE

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EDUCATION

University of Toronto (St. George)

BSc, Computer Science with a Minor in Mathematics

May 2026

Toronto, ON

- UofT AI Industry Partnerships Associate, Korean Christian Fellowship Club Executive Team Member

SKILLS & TECHNOLOGIES

- JavaScript, Python, Java, C++, HTML/CSS, React, Redux, MongoDB, SQL, Plotly, Git, VS Code

EXPERIENCE

Software Developer

May 2023 - Present

Students Developing Software Team (Department of Computer Science)

Toronto, ON

- Working on Courseography, a course information and planning web application that displays interactive graphs of prerequisites in Faculty of Arts and Science programs using Haskell, JavaScript, and React.
- Migrating and refactoring the entire front-end to the React framework, conducting front-end testing using Jest and writing test suites for enhanced test coverage.

Full-stack Developer

Feb 2023 - May 2023

Serv2U (Startup)

Remote

- Working on a food delivery service application that gives home chefs a platform to share their cooking with paying customers, primarily using the **FReMP stack** (Flask, React.js, MongoDB, Python) and **Redux.js**.
- Implemented adjustments and bug fixes to the user interface in the frontend by working with components in the **React** application and assisted in implementing JWT authentication.

Curriculum Developer

Mar 2021 - Dec 2021

The Coding Foundation (Non-Profit)

Remote

- Led the development of beginner's **Python** and advanced **Java** curriculums, which covered content such as **data structures, algorithms, object-oriented programming**, recursion, and programming fundamentals.
- Worked in a team environment to identify teaching goals and create detailed syllabuses and lesson content for programming classes such as slideshows, practice problems, and other instructor resources.

Programming Instructor

Dec 2020 - Dec 2021

Caution Tape Robotics Club

Richmond Hill, ON

- Taught students programming and guided them through the creation of projects and games in Python. Prepared teaching aids, lesson plans, as well as report cards for classes of 10+ students.

STEM Camp Counselor

Jun 2021 - Aug 2021

The STEAM Project

Richmond Hill, ON

- Facilitated engaging and interactive activities for campers, fostering their curiosity and passion for STEM.

PROJECTS

Website for the RCHRA Student Organization — HTML, CSS, JavaScript, Bootstrap, React.js

- Built and published a website for the Rotman Commerce Human Resources Association at UofT using the **Bootstrap** CSS framework and **React.js**, used to promote the club and as a tool in the recruitment process.

MelodyMatch — Python, Plotly, Bottle Web Framework, Tkinter, Spotify Web API

- Built a music recommendation application that analyzes the user's Spotify account trends and data obtained through the Spotify Web API and decision trees to formulate accurate song recommendations curated for users.