AUSTIN CHANHSAVANG

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🎓 EDUCATION

Toronto Metropolitan University | GPA: 3.48   **September 2018 - April 2023**
(formerly known as Ryerson University)   *Toronto, Ontario*
Bachelor of Science Computer Science

👔 WORK EXPERIENCES

Programmer   **May 2021 - August 2022**
Ontario Ministry of Children, Community and Social Services   *Toronto, ON*

- Developed a customized **SharePoint** site with **SharePoint Framework (SPFx)**, and **React** working on pagination and meeting accessibility standards (WCAG)
- Modernized team tracking ticket system using **Power Automate**, **MS Forms** and **SharePoint** to automate client request management, **substantially reducing** task assignment and data input time by over 100%
- Selected student speaker to over 300+ coworkers, presenting insights on daily client engagement and website creation, highlighting effective communication and project development

💡 PROJECTS

CallSigns Game   **March 2024 - Present**

- Implemented **natural language processing** techniques and **regex** to process user input
- Developed basic **API** with **Express**, to interact with server to send a randomly generated word on Game page to **frontend**
- Designed layout of Game page for **frontend** using **Shadcn, Tailwind** and **React** - created a vertical carousel for each Game phase, corresponding to a slider to denote the current phase
- Implemented features for Game customizations such as number of rounds, dark mode, filtering word set and timers – reflected in popover component

React, JavaScript, Tailwind, Express, Socket.io, HTML, CSS

Book Review Website   **December 2019 - January 2020**
bookreviews-app.fly.dev

- Handled login, logout and session interactions with a **relational (SQL) database** using **Python (Flask) for backend logic**
- Utilized Openlibrary **API** to obtain book information that users could search, comment and rate on
- Stores all comments and ratings by users in **database** - displays all user comments and ratings on account page using SQL statements, with join and like
- Converted a book dataset in CSV format into **SQL** tables using script, and inserted into **postgresSQL** database to search books on

Python, Flask, HTML, CSS, PostgreSQL

💻 SKILLS

Languages: Python, Java, JavaScript, Node, HTML, CSS, SQL, Unix, Linux, Express

Frameworks: React, Flask, Bootstrap, Tailwind, Shadcn, Material UI, SPFx, Socket.io

Developer Tools: Git, PostgreSQL, Docker, Azure DevOps, SharePoint, Power Automate, Power Apps, IntelliJ

Knowledge: Software Development Lifecycle, Agile, Scrum