AUSTIN CHANHSAVANG

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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

WORK EXPERIENCE

SOFTWARE DEVELOPER   May 2021 – August 2022
Ontario Ministry of Children, Community and Social Services   Toronto, ON

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

PROJECTS

CALL SIGNS GAME   March 2024 – Present

- Developed **API** with **Express**, to generate a random word, and apply **natural language processing** techniques with **regex** to process user input
- Designed **frontend** Game page layout using **Shadcn, Tailwind** and **React** - created a vertical carousel for each Game phase, with a slider indicating current phase
- Implemented scoring system, sending data to **backend server** to process, and signaling to all **sockets** in Game to render in scoreboard **frontend** 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 data 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

Python, Flask, HTML, CSS, PostgreSQL

EDUCATION

TORONTO METROPOLITAN UNIVERSITY   September 2018 – April 2023
(formerly known as Ryerson University)   Toronto, ON
Bachelor of Computer Science   GPA: 3.48