Jeffrey So

SOFTWARE ENGINEER

Get in Contact

825-735-2162
jeffrey.so656@gmail.com
59 Hampshire Grove NW
Calgary, Alberta

⌂ jeffreyso1.github.io/
� github.com/jeffreyso1

Work Experience

The Home Depot
Senior Frontend Software Engineer | Aug 2020 - Present

- Spearheaded frontend development of product promotion capability on the Home Depot website
- Implemented logic to seamlessly show relevant product promotion based on available data
- Improved logic for tracking customer behaviour in a more meaningful manner
- Frequently negotiate requirements with third party vendors to find the best solution for both Home Depot and our contractors

UNIVERSITY OF TORONTO
Teaching Assistant | Jan 2020 - April 2020
- Assisted professor with grading assignments and tests
- Held tutorials to aid students in their understanding of core concepts
- Helped invigilate exams

TRACKENSURE
Full Stack Software Engineer | Sept 2015 - Sept 2017
- Contributed significantly to the frontend and backend codebase of the company
- Handled the release and update of 8 mobiles apps on the iTunes App Store, and resolved issues raised by Apple Review (if any)
- Independently designed and implemented countless features
- Responsible for most of the UI design and contributed significantly to the implementation of TrackEnsure ELD in compliance with US regulations (250 pages long), now used by more than 5000 truck drivers every day

Education

UNIVERSITY OF TORONTO
Honours Bachelor of Science
Class of 2020
- Major in Computer Science
- Minor in Economics and Psychology

Skillset

PROGRAMMING LANGUAGES
JavaScript (ES6+), Java, HTML, CSS, Python, PHP, C, C#, SQL, Objective C

LIBRARIES & FRAMEWORKS
Angular, Ngrx, AngularJS, NodeJS, Express, React, PostgreSQL, MySQL, Adobe Experience Cloud, iOS

TOOLS & PLATFORMS
Git, Docker, Mercurial, Webpack, Heroku, AWS, Maven, Bash

Projects

Automated Plant Watering System

- Automatically water house plants based on moisture sensor reading
- Measure moisture using soil conductivity sensor
- Uses a repurposed hobby boat pump to water plant when criteria is met
- Solder and connect both device to Arduino based ESP32 microcontroller

Stock Trading Bot

- Utilize IB Gateway, ib_insync, and Python to connect to Interactive Broker
- Buy and sell QQQ options automatically based on algorithm
- Using a pseudo Neural network, attempts to identify a profitable entry and exit

UofT Droprate

- Tracks the list of most and least dropped course at the University of Toronto
- Provide unbiased statistics of how hard a class actually is/was, something that was not available when I was a student

Unbeatable Tic Tac Toe AI

- A playable and unbeatable Tic Tac Toe AI

Tami Social

- A beautiful social app completed as part of a contract with a client

Studilicious

- An app intended to be a food delivery service for students, completed as part of a contract with a client