

MARTIN KLASNINOVSKI

☎ 647-891-5056 — ✉ mklasninovski@gmail.com

🐙 github.com/mklaso — in linkedin.com/in/martin-klasninovski — 🏠 mklaso.com

EDUCATION

Wilfrid Laurier University

Honours Bachelor of Science - *Computer Science*

Sep 2020 - May 2022

University of Toronto

Honours Bachelor of Science - *Computer Science*

Sep 2018 - Apr 2020

EXPERIENCE

Dalvina Canada | Office Assistant

Jun 2017 - Aug 2019

- * Updated inventory, as well as received and processed order forms with Excel.
- * Organized and prepared cases for shipping according to the set delivery schedule.
- * Communicated with clients regarding orders, samples, and general inquiry.
- * Maintained the front-end of the company website.

PROJECTS

Weather App | Java, SQLite, JavaFX, CSS



- * Retrieves accurate weather location information by utilizing the **OpenWeatherMap API**.
- * Developed a **GUI** to display components of the weather, with matching images to the weather results.
- * Incorporated a current weather forecast, as well as a 5 day forecast for the desired search location.
- * Optimized the speed at which weather data is displayed by using an **SQLite** database to store up to 10 locations.

Sudoku | HTML, CSS, JavaScript, SCSS



- * Implemented a web based version of the classic game of Sudoku, with 3 possible difficulty settings.
- * Developed a **backtracking** solver that is able to solve even the most difficult puzzles in under 1s.
- * Capable of generating puzzles of varying difficulties, move hinting, input validation, and the ability to create your own sudoku puzzles.

Othello | Java, JavaFX

- * Recreated the game of Othello within a group of 4. Some features include: single player, multiplayer, player vs bot, bot vs bot functionalities, along with the ability to adjust the difficulty of the bots.
- * Followed an **agile** approach of development, using **scrum** to implement the game and fix bugs efficiently.
- * Implemented a working **GUI** for the game; utilizing **MVC** architecture, and various **design patterns**.

Face Detection | React.js, Node.js, Express.js, PostgreSQL



- * Built a **React.js** app that detects faces from uploaded images using Clarifai's **Face Detection API**.
- * Created a user registration and authentication system, and made use of bCrypt for added security.
- * Utilized **PostgreSQL** to store the profile data and the number of uploaded photos of each user, and then ranked each user on the site from this data.

TECHNICAL SKILLS

Languages

Python · Java · HTML5 · CSS3 · JavaScript · C

Frameworks & Tools

React.js · Express.js · Node.js · SCSS · Git · Linux · Postman

Databases

SQLite · PostgreSQL