

# Martin Klasninovski

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

🐙 github.com/mkласо | in linkedin.com/in/martin-klasninovski | 🏠 mkласо.com

## EDUCATION

### Wilfrid Laurier University

Honours Bachelor of Science - Computer Science

Sep 2020 - May 2023

GPA: 3.9/4.0

### University of Toronto

Honours Bachelor of Science - Computer Science

Sep 2018 - Apr 2020

## SKILLS

**Languages:** Python, Java, C, HTML, CSS/SCSS, JavaScript, VBA

**Databases/Tools:** MySQL, PostgreSQL, Git, Linux, Postman

**Frameworks/Libraries:** React, Express, Node.js, JavaFX

## EXPERIENCE

### Wilfrid Laurier University | Teaching Assistant

Sep 2021 - Present

- Supported over 100+ students by answering questions and providing feedback on graded lab tasks
- Led weekly labs to help students simplify and reinforce fundamental programming and database concepts

### Dalvina Canada | Office Assistant

June 2017 - Aug 2019

- Communicated with clients regarding orders, samples, and for general inquiries on the products
- Maintained the front end of the company website through periodic UI updates to help promote newer products
- Automated client order forms processing and inventory updating with Excel and VBA to improve efficiency

## PROJECTS

### Weather Forecast | Java, JavaFX, SQLite, CSS



- Obtained accurate daily weather and weekly forecast data through the OpenWeatherMap API
- Designed a GUI to display images corresponding to the weather results of the desired search location
- Configured a SQLite database to store the user's preferred locations for faster lookup times, and incorporated a favourite location feature that the user can set as the default display for ease of use

### Othello | Java, JavaFX

- Redesigned the game of Othello within a group of four to include move hinting, single player, multiplayer, bot vs bot, and added game settings to switch between a variety of different bot difficulty levels
- Applied an agile approach of development, using scrum to improve overall communication within the team
- Developed the game and GUI using MVC architecture and design patterns to allow for an efficient workflow

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



- Built a web application 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 additional security
- Used PostgreSQL to store each user's profile data and ranked users according to their site usage

### Sudoku Solver | HTML, SCSS, JavaScript



- Implemented a web version of Sudoku, and set up a backtracking solver capable of solving any puzzle quickly
- Incorporated features such as move hinting, input validation, varying difficulty puzzle generation, and the ability to create your own sudoku puzzles