Martin Klasninovski

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EDUCATION

Wilfrid Laurier University *Sep 2020 - Apr 2023*
Honours Bachelor of Science - Computer Science GPA: 3.9/4.0

University of Toronto *Sep 2018 - Apr 2020*
Honours Bachelor of Science - Computer Science

SKILLS

Languages:	Python, Java, C, HTML, CSS/SCSS, JavaScript, VBA
Databases/Tools:	MySQL, PostgreSQL, Git, Linux, Postman
Framesworks/Libraries:	React, Express, Node.js, JavaFX

EXPERIENCE

Wilfrid Laurier University | Teaching Assistant *Sep 2021 - Present*
- Leading weekly labs to help students simplify and reinforce fundamental programming and database concepts
- Supporting over 100+ students by answering questions and providing feedback on graded lab tasks

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 users 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