Martin Klasninovski

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Education

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

- Attended University of Toronto from Sep 2018 - May 2020
- **Relevant Coursework:** Software Engineering, Data Structures, Databases, Operating Systems, Computer Networks, Object Oriented Programming, Data Visualization, Web Development

Skills

Languages:	Python, Java, C, JavaScript, PHP, HTML, CSS/SCSS
Databases/Tools:	MySQL, PostgreSQL, MongoDB, Git, Linux
Frameworks/Libraries:	React, Express, Node.js, D3.js, Swing, JavaFX

Experience

CDK Global | Incoming Software Engineer Intern   *May 2022 - Aug 2022*

- Working on a team in Waterloo, Ontario for 12 weeks using C#, React, TypeScript, Docker and SQL

Wilfrid Laurier University | Teaching Assistant   *Sep 2021 - Present*

- Supported 100+ students by leading weekly labs to reinforce fundamental programming concepts
- Aided in students' success by answering questions and providing feedback on graded lab tasks

Dalvina Canada | Technical Assistant   *June 2017 - Aug 2019*

- Communicated with clients regarding orders, promotions, and for general inquiries on the products
- Maintained the front end of the company website through periodic updates to help promote newer products
- Automated inventory updating and increased processing speed of client order forms by 40% with VBA

Projects

Ecommerce Store | PHP, HTML, SCSS, JavaScript, MySQL, Apache   ⏏

- Implemented a shopping cart, an account system and set up user sessions for an Ecommerce shoe store
- Populated product pages dynamically by fetching data from a MySQL database, allowing updates in inventory and new products in the database to be reflected back onto the frontend with no additional overhead
- Created a secure registration and login system by making use of POST requests, prepared SQL statements and by hashing user passwords to ensure protection against SQL injections and other possible attacks on customer information

Weather Forecast | Java, JavaFX, CSS, SQLite   ⏏

- Obtained daily weather and weekly forecast data through the OpenWeatherMap API for improved accuracy
- 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 allows the user to designate a location as the default weather display for ease of use

Bulletin Board System | Java, Sockets, Swing   ⏏

- Developed a mulithreaded client server application that uses TCP/IP to communicate over sockets, and made a custom protocol supporting CRUD like operations to manipulate data stored on a virtual bulletin board system
- Applied an agile approach of development, using scrum to improve overall communication within the team
- Programmed a GUI with Swing, using MVC architecture and design patterns to allow for an efficient workflow

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

- Built a web app with React that detects faces from user uploaded images using Clarifai's Face Detection API
- Integrated a user registration and authentication system, and made use of bCrypt hashing to increase security
- Leveraged PostgreSQL to store user profile data and displayed the top ranked users according to their site usage