

Martin Klasninovski

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EDUCATION

Wilfrid Laurier University

Honours Bachelor of Science - Computer Science

Sep 2020 - May 2024

Waterloo, ON

- **GPA:** 3.9/4.0 | Dean's List: Sep 2020 - Aug 2022
- **Relevant Coursework:** Software Engineering, Data Structures, Algorithms, Databases, Operating Systems, Computer Networks, Object Oriented Programming, Data Visualization, Web Development

SKILLS

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

EXPERIENCE

Nuance Communications – Microsoft

Software Development Intern

Sep 2022 - Dec 2022

Montreal, QC

- Migrated **20+** class components to functional components with **React**, following newest standards for state and hooks
- Created and improved on existing component unit tests with **Jest**, resulting in an increase to code coverage by **22%**
- Incorporated **Storybook** for **10+** components allowing for isolated testing of changes made to styling/interactivity

CDK Global

Software Engineer Intern

Jun 2022 - Aug 2022

Waterloo, ON

- Collaborated in a team of **10** on the development of multifaceted dealership solutions; improving customer service, sales, financing and insurance software for **15000+** dealerships in North America and **55% of the United States**
- Implemented a feature that applies a reduced provincial sales tax on **26%** of all zero emission vehicles in Canada
- Extended on API endpoints with **C#**, providing sales quotes/vehicle information to over **250** automotive partners
- Improved documentation of code and created detailed test plans for **5+** features/bug fixes with **Jira** and **Confluence**

Wilfrid Laurier University

Teaching Assistant

Sep 2021 - Jun 2022

Waterloo, ON

- Debugged and resolved defects in testing scripts, providing accurate assignment marks in **5-7 days** for **200+** students
- Educated **100+** students by leading weekly labs to reinforce fundamental programming concepts in **Python**
- Facilitated learning by hosting virtual office hours **2x a week** for **1-2 hours** each session; answered questions on course content, helped students debug code and provided feedback on graded assignments/lab tasks

Dalvina Wine Canada

Technical Assistant

Jun 2017 - Aug 2019

Oakville, ON

- Automated inventory updating and increased processing speed of client order forms by **43% with VBA**
- Communicated with clients **3-4x per week** in regards to orders, promotions and general inquiries on the products
- Updated company site using **CSS** and **JavaScript** to help promote new products; resulting in a **21% increase** to sales

PROJECTS

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

- Developed an Ecommerce website within a team of **6** using **PHP**, **JavaScript** and **MySQL**; made a shopping cart, login/registration system, and responsive front end to display **20+** of the most popular shoes in 2021/2022
- Applied an **agile** approach, meeting deadlines by using **scrum** and working in **2 week** sprints for **3 months**

File Transfer System | Java, Sockets, Swing

- Designed a file transfer application, set up reliable UDP protocol with **Java** and sockets to send files between **2** users
- Engineered an efficient process to transfer files with speeds of **<1s** for files around **100MB** and **<5s** for **1GB** files

COVID-19 Stats Visualizer | HTML, CSS, JavaScript, D3.js

- Retrieved COVID-19 statistics asynchronously from a weekly updated Kaggle data set, used **JavaScript** and **D3.js** to create a highly interactive, navigable map visualization of **50 countries** to showcase data in a comprehensible manner
- Visualized trends of **10 countries** with the largest increases/decreases in cases and deaths over the past **2 weeks**

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

- Created a web app with **React** and **Node.js** to detect faces from user uploaded images through a Face Detection API
- Built a system that ranks the **top 5** users according to the total number of images uploaded to gauge user activity