

# VLAD YAREMCHUK

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## EDUCATION

### Honours in Bachelors of Science, Computer Science Major, Math and Business minor + PEY Co-op

University of Toronto

Sept. 2022 – July 2027

- Courses: Software Design, Data Structures and Analysis, Theory of Computation, Software Tools and Systems Programming, Probability and Statistics, Linear Algebra, Marketing.

## SKILLS

**Technical:** React, Node.js, Python, Flask, Java, JavaFX, SQL, HTML, CSS, Javascript, REST API, AWS, Git & Github.

**Professional:** Communication and leadership, Active Listening, Adaptability, Problem solving, Time management.

## EXPERIENCE

### Your Movies List | *React, NodeJS, CSS, MariaDB, AWS*

Personal Project

- Build a full stack website that allows users to register, search, and add movies to their personal list. As well as modify the description of each movie and explore similar movies via recommendations.
- Incorporated a REST API to fetch data about movies. Constructed various HTTP requests for different API endpoints. Handled and parsed the API responses. Connected front-end with back-end via HTTP.
- Implemented CRUD API allowing users to make and manage lists of movies.
- Styled an appealing & responsive UI using vanilla CSS. Checkout [your-movie-list.com](https://your-movie-list.com) for a live demo.
- Connected AWS EC2 with Amazon RDS database to host the website.

### Flight Explorer | *Java, JavaFX, HTML, CSS, JavaScript*

University Project

- Built an accessible application that allows users to search and graph real flight routes on the world map.
- Connected a REST API, while following dependency injection pattern, to fetch data about movies. Resulting in loosely coupled code that is easy to test.
- Implemented the factory method pattern to easily create different Flight objects, without worrying about the specifics of whether the flight is real time or historical.
- Took leadership in a team of 4. Assisted team members in combining their code. Overlooked the project architecture, assuring the different parts of the program integrate smoothly.
- Acted as a mediator between team members by holding individual calls, assuring everyone is on the same page and knows what they are doing. My leadership allowed the team to deliver a working product with 80% of the planned features implemented on time and matching all assignment criteria.
- Followed the Agile software development principles. Including sprints and incremental development.
- Used Gitlab for version control, and team based development. Conducted code reviews.

### Driver's License Scanner | *Python, Flask, HTML, CSS, JavaScript, MySQL*

Personal Project

- Collaborated with a partner to build a full stack application for scanning driver's licenses.
- Connected OpenCV to let users take pictures of their ID inside the app.
- Used Amazon Textract to automate the data extraction from driver's license picture.
- Automated accurate extraction of data from all 50 states and 13 provinces and territories.
- Automated the validation of the format of the extracted data.
- Built a user friendly interface using HTML & CSS. Made and styled HTML forms for users to edit and confirm the data scanned.
- Connected MySQL database, allowing users to easily save scanned data.

### Sales Associate; Janitor; Sanitation operator

Sep. 2019 – Aug. 2022

Mission Thrift Store; Amazon; Colonial Cookies

- Worked a variety of jobs in different environments through high-school. These experiences have shaped my work ethic, and enhanced my adaptability and communication skills.
- The experiences include working overtime in understaffed environment; handling customer complains; working independently and unsupervised; training volunteers & taking leadership in a team;
- For a detailed description of what I did & learned from each of these jobs, check my [LinkedIn](#).