

# Emma Lozhkin

Computer Engineering / (647) 966 8736 / elozhkin@uwaterloo.ca | LinkedIn: [www.linkedin.com/in/emma-lozhkin](http://www.linkedin.com/in/emma-lozhkin)

- Experienced in object-oriented programming; developing, testing and debugging code
- Highly analytical, self-starter, able to handle challenges of balancing multiple projects and dependable in meeting deadlines
- Effective work ethic, successful working in both an independent and team-oriented, collaborative environment

## SKILLS

### Languages

- C/C++ | HTML | CSS | Javascript

### Tools, Libraries and Frameworks

- Git | Bootstrap | AngularJS | jQuery | Linux | Ubuntu | Windows | Omega | Android Studio | Webstorm | Adobe Photoshop | GDB | Microsoft Office

### Languages Spoken

English | Russian

## EDUCATION

### University of Waterloo | present-2022

Candidate for Bachelor of Applied Science – Computer Engineering, Schulich Leader Scholarship 2017

## AWARDS

### 2017 Schulich Leader Scholarship

Recipient University of Waterloo | 2017

### President's Scholarship of Distinction

University of Waterloo | 2017

## COURSEWORK

### Undergraduate | Computer Engineering

- Object Oriented Software Development
- Dynamic File Generation
- Classes and structs to create linked lists
- Sorting and storing abstract data structures
- Implementing input/output functions with error checking

## CERTIFICATION

### WHIMIS Training and Certification

University of Waterloo | 2017

### IB Diploma Branksome Hall | 2017

## INTERESTS

### Sports

- Canadian Olympic Team Member (Youth Olympics) | 2014
- Canadian National Team Member, Rhythmic Gymnastics | 2012-2017

### Debating

- Top 20, Ontario Championships | 2017

### Tennis | Piano

## EXPERIENCE

### SOFTWARE DEVELOPER – Nymi Inc.

Toronto, ON | May – August 2018

- Responsible for the creation and development of the administrative web console using REST API's, and AngularJS, including Bootstrap framework for UX design
- *Technologies:* C++, AngularJS, HTML/CSS, Bootstrap

### WEBSITE DEVELOPMENT – UNIVERSITY OF WATERLOO ENERGY NETWORK (UWEN)

Waterloo, ON | December 2017-April 2018

- Contributed to the re-development of the UWEN website as part of a team, including analyzing functional and technical requirements, developing code, QA and testing

### WEB DEVELOPMENT – ARNICA SOFTWARE CORPORATION

Toronto, ON | Summer 2017

- Contributed to custom web design and solution implementations, using HTML/CSS
- Performed testing and QA of custom applications

### TECH INTERNSHIP – FANFIVE CHALLENGE

Toronto, ON | May – September 2016

- Development and user interface design of FanFive mobile app and website using technologies including Photoshop and Android Studio
- Performed testing and QA of the mobile application

## LEADERSHIP

### CONFERENCE HEAD – TEDxBranksomeHall

Branksome Hall | Toronto, ON | 2017

- Founder of the TEDxBranksomeHall conference – came up with the idea and concept for the conference, headed the application and licensing process with TED
- Responsible for overseeing all logistics for the event, including finding speakers, budgeting, and fundraising

### WORLD AFFAIRS CONFERENCE – Branksome Hall

Toronto, ON | 2015-2016

- Head of Communications: lead software preparation, including the development of an interactive polling platform, responsible for communicating updates
- Plenary Head: co-organised a plenary, including finding speakers and moderating discussion during conference