# Josephine Eshkenazi

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## QUALIFICATIONS

### PROGRAMMING

Experienced in:
JavaScript/HTML/CSS • React.js
• C++ • TDD • SOLID
Familiar with:
Python • Java • XML • jQuery
• Arduino • SQL • Shell • Node.js
• Redux • Bootstrap • LaTeX

### AUTOMATION

• WebDriverIO and Selenium Webdriver
• Cucumber behaviour-driven development
• Mocha and Chai assertion library

### DESIGN

• Extensive knowledge of Microsoft Office
• User-centered iterative design process familiarity
• Well-versed in the AODA Standards
• Proficient in CAD - SolidWorks®

### COMMUNICATION

• Refined technical writing and data analysis
• Fluent in English, French, Russian, Bulgarian

## EDUCATION

### UNIVERSITY OF WATERLOO

Systems Design Engineering
Candidate for Bachelor of Applied Science
Dean's Honors List
Expected gradation date is May 2021

## COURSEWORK

### UNDERGRADUATE

Digital Computation
Graphics Laboratory
Digital Systems and Circuits
Human Factors in Design

## SOCIETIES

UWaterloo Engineering Society
Women In Engineering

## EXPERIENCE

### QUALITY ASSURANCE AUTOMATION ENGINEER | Climax Media

Jan 2017 — Apr 2017 | Toronto, ON
• Developed company's Automation Portal app with React.js/HTML/CSS/Unix Shell
• Set up and wrote automation scripts with JavaScript , WebDriverIO and Cucumber
• Provided Quality Assurance for the UI, performance, and functionality of the newly redesigned Acura website using Agile Methodology

### COUNSELLOR, ROBOTICS LEADER | J.Academy Camp

Jul 2016 — Sept 2016 | Haliburton, ON
• Taught Arduino programming to children aged 8-15
• Supervised and prepared educational activities for groups of 30+ children

## PROJECTS

### BULLETIN BOARD APP

Java and XML Android app of virtual bulletin board for the posting of personal ads

### GOGOOSE CARD GAME

Variation of Go Fish game implemented using React.js/HTML/CSS/Node.js

### MATRIX ARITHMETIC CALCULATOR

Matrix operations calculator created with class-based C++

## EXTRACURRICULAR MEMBERSHIPS

### WATERLOOP - UNIVERSITY OF WATERLOO'S HYPERLOOP POD DESIGN TEAM Eddy Current Braking System

Sept 2016 — Present
• Collaborated in the CAD design, manufacturing, mounting, and procurement of parts for the non-contact braking system of the first and second prototypes of the pod
• Created mathematical models of theoretical and experimental tests using Python

### WATERLOO ENGINEERING COMPETITION Director

May 2017
• Planned and organized the Junior Design Competition Case Study and collaborated with the team of WEC directors to run the event

### WATERLOO CHARITIES Director

May 2017 — Present
• Plan and supervise weekly charity pancake and grilled cheese lunch sales. Proceeds go to Habitat for Humanity Canada

### VAUGHAN SECONDARY SCHOOL SCIENCE CLUB President

Sept 2015 — June 2016
• Organized and lead scientific demonstrations and initiated out-of-school field trips and competitions for student members

## AWARDS AND ACHIEVEMENTS

| | |
|---|---|
| 2017 | Top 6 out of 100 academic standing in the program |
| 2016 | Fall Term 2016 Dean Honours List |
| 2016 | Recipient of Governor General's Award for high school average of 98% |
| 2016 | Chemistry, Calculus, French, English, Business academic awards |
| 2012 | Royal Conservatory of Music Ontario silver medalist for classical guitar |