# MAX ERENBERG

Hon. Computer Science, U of Waterloo, Term 1B
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## 🛠 SUMMARY OF SKILLS

- Intermediate proficiency in Python
  - o Experienced in webscraping and GUI automation (see Projects on second page)
- Working knowledge of HTML, CSS, Bootstrap
  - o Built personal website from scratch: http://www.maxerenberg.me
- Leadership skills developed through working as a swim instructor and directing meetings and events of a non-profit organization (see Activities)
- Collaboration and communication skills developed through working with team members in hackathons and classroom projects
- Self-motivated and take initiative to learn new programming skills through tutorials
- C2 level proficiency in French

## ⋯ ACTIVITIES

### Hackathons

- Global Hack Day, Dec. 2017
  - o Created an online service called Watts, using HTML and CSS, together with a partner
  - o Aims to connect undergraduate students willing to offer free services and expertise to non-profits; benefits both students and local community
- InspireHacks, Jul. 2017
  - o Worked in a group of 4 people to build TermsCo, a website that uses machine learning and text recognition to read legal terms and conditions and summarize them
  - o Aims to protect users from agreeing to potentially dangerous legal agreements

### Volunteering

- Let's Talk Science Volunteer, Jan. 2018 – present
  - o Lead workshops to elementary and high school students about science concepts; work with other volunteers to deliver activities and presentations
- Sustainable Youth Canada, Toronto Director, Aug. 2016 – Aug. 2017
  - o Recruited members, delegated tasks, organized meetings, and maintained communications with sponsor
  - o Planned and ran a Sustainability Fair where social and environmental nonprofits could show their initiatives to the public

## EXPERIENCE

### Swim Instructor | City of Markham
SEP. 2017 – DEC. 2017
- Used leadership and organizational skills to prepare lesson plans and lead classes
- Communicated with parents by respectfully answering questions and providing feedback
- Demonstrated responsibility by arriving early to set up and leaving late to clean up

### Stewardship Youth Ranger | Ministry of Natural Resources
JUL. 2017 – AUG. 2017
- Worked together in a team with other rangers to complete stewardship projects such as building boardwalks and removing invasive species
- Learned and applied new skills such as identifying species and using tools

## EDUCATION

### Candidate for Bachelor of Computer Science | University of Waterloo
SEP. 2017 – CURRENT
- Completed: Calculus I, Algebra I, Introduction to CS
  - Learned how to write programs using recursion, trees and graph searches
- Currently taking: Calculus II, Linear Algebra, Elementary Algorithms and Data Abstraction

## PYTHON PROJECTS

### Weather Service
JAN. 2018
- Gathers JSON weather data about my location using the OpenWeatherMap API
- Sends me a text message describing the weather every morning using the Twilio API

### Self-Scripting Program
JAN. 2018
- Accesses my Inbox using the IMAPClient module
- Extracts messages containing Python code, writes a new program containing the code, and executes it (using multiprocessing)

### Automatic Form Filler
JAN. 2018
- Fills out Google Forms automatically given a set of data entries, using the PyAutoGUI module