

MAX ERENBERG

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Hon. Computer Science, U of Waterloo, Term 1B
Student ID# 20731833



SUMMARY OF SKILLS

- Intermediate proficiency in Python
 - Experienced in webscraping and GUI automation (see Projects on second page)
- Working knowledge of HTML, CSS, Bootstrap
 - 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
 - Created an online service called Watts, using HTML and CSS, together with a partner
 - Aims to connect undergraduate students willing to offer free services and expertise to non-profits; benefits both students and local community
- InspireHacks, Jul. 2017
 - 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
 - Aims to protect users from agreeing to potentially dangerous legal agreements

Volunteering

- Let's Talk Science Volunteer, Jan. 2018 – present
 - 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
 - Recruited members, delegated tasks, organized meetings, and maintained communications with sponsor
 - 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