

Aditi Lohtia

Computer Engineering Student

✉ alohtia@uwaterloo.ca

🌐 aditilohtia.github.io

☎ 226-792-7365

in aditilohtia

🌐 aditilohtia

Activities

University of Waterloo WiSTEM

Jan. '20
to
Current

- Event Coordinator

- Organized and carried out tasks for monthly events.
- Worked with a team eleven to plan women in STEM related events for students on campus.
- Attended weekly meetings to meet with fellow members to communicate ideas and provide updates.

Education

University of Waterloo Bachelor's of Applied Science Computer Engineering

'18 to
Current

Summary

- 12+ months experience with C++, Python, HTML and CSS, learned through in-class instruction and self-teaching.
- Advanced skills with Databases, SQL, and Office 365 from working at past two co-ops.
- Excellent skills in communication, web design, and social media, gained through organization of a hackathon.
- Effective with customer service and problem solving from teaching assistant and IT co-ops.
- Currently learning JavaScript, Node, React, and MongoDB through Udemy.

Experience

Computer Science Instructional Support Assistant

Jan. '20 to Apr. '20
Waterloo, ON

University of Waterloo Faculty of Mathematics

- Delivered lab instruction on a bi-weekly basis to approximately 120 students.
- Achieved advanced skills in FileMaker, SQL, HTML, CSS, Gimp and Microsoft Office through assisting students with weekly assignments.
- Marked assignments weekly and provided constructive feedback to students.
- Served as a point of contact for students through email, office hours, and labs.

System Support Officer

May '19 to Aug. '19
Toronto, ON

Ontario Ministry of the Attorney General

- Provided both hardware and software support for approximately 400 employees.
- Utilized SQL to review existing code, find defects, and enhance functionality.
- Achieved advanced skills in Office 365 installation, clean up, and troubleshooting.
- Constantly resolved IT problems using problem-solving and communication skills.

Co-Founder and Head of Financing

Apr. '18 to Oct. '18
Cherry Hill, NJ USA

EastHacks

- Achieved over \$5,000 in sponsorships for a student-run hackathon.
- Organized budgeting and financing of the event using Microsoft Excel.
- Designed website on both mobile and desktop versions using Wix.
- Ran all social media accounts, including Facebook, Twitter and Instagram.
- Contacted 100+ companies through email and LinkedIn for sponsorship.

Projects

Charity Search

- Currently developing a user-friendly search engine using HTML, CSS, and JavaScript.
- Allows users to easily find and connect with non-profit organizations based on their preferences including location, service category, and type of commitment.

Personal Website

- Currently working on personal website through Github.
- Utilizing JavaScript, HTML, and CSS to effectively design website.

Solar Tracker

- Worked in a team of four and created a simple, effective, low-cost solar tracker to provide sustainable and affordable solar charging for mobile devices.
- Utilized an Arduino, Tetrix mechatronics kit, photodiodes, and flashlights to create a solar tracker which follows a light source.
- Design consisted of both circuitry and code, along with a hand-built platform for the solar panel.