# MARYAM AFSHAR





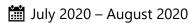




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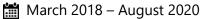
#### WORK EXPERIENCE -

### **Predicta4** | Quality Assurance Intern



- Communicated with back-end developers about strengths and weaknesses of website and app to enhance user experience.
- Created multiple test cases on excel and tested app with MySQL workbench to ensure users information when creating an account is the same in the database.
- Designed a **Doodly video** for Predicta4 to introduce and promote product to customers during beta version release.

## City of Toronto | Swim Instructor and National Lifequard



- Monitored 450+ swimmers during lane and leisure swim by following rules and guarding procedures to prevent injuries.
- Taught 200+ swimmers ages 3-80 by using engaging activities and lesson plans to **improve swimmer's confidence** in swimming and first aid.
- Evaluated students weekly stroke reports with great attention to detail and communicated constructive feedback which improved swimmers by 75%.

#### PROJECTS

# KindKart | HTML, CSS, JavaScript $\Omega$



- Created a **chrome extension** that allows users to see Ethics reports, view alternative shops that are more ethical and help users save with coupons!
- Won **first place** at SetHacks and currently in the process of **launching**!

# Forget-Me-Not | Android Studio & Java 🖓

Built an app that in android studio and designed in Figma that reminds students to take care of themselves by sending custom reminders.

# WaterTrackers | HTML, CSS, JavaScript 🗘 🔗

Architected a website that helps citizens prepare for a flood with a detailed todo list, and by using **google maps API**, users can see if they are at risk of one.

# Swimming Class Database | C++

Developed a simulated **swimming class registration** program where users can add, delete, modify and view all students registered in swimming classes by using object-oriented programming, inheritance and pointers.

# **Operation game** | Python, Pygame Graphics

Implemented a game where users use the keyboard to collect bones without touching the border to win points within a time limit.

#### SKILLS -

### Languages & tools:

Python, C++, CSS, HTML, JavaScript & 3-D printing.

#### **Soft Skills:**

Teamwork, Communication & Leadership.

#### **Career Interests:**

Web development & design, Usability Testing & software development.

#### EDUCATION —

# **Bachelor of Computer Science**

University of Waterloo Waterloo, Ontario 2020-2025

#### LEADERSHIP ——

# **Varsity Swim Team Captain**

- Coordinated a team of 80+ swimmers in practice, training, and competitions.
- Organized small meets with other high school swim teams to prepare swimmers for official swim competitions and hosted optional practice to help swimmers with techniques.

# **Engineers Without Borders**

- Created videos on iMovie and posters on Canva to inspire students to join the council.
- Guided my media assistants with editing and filming projects to promote the council on Instagram and Facebook.