

# shkula wardak

## work experience

### Software Engineer @ Ribbon Communications

01/2021 - 04/2021. Internship. 4 Months. Remote.

angular

typescript

html/sass

- Created an **upload feature** with Angular using Typescript, HTML5, and Sass that **parsed CSV** files, sanitized inputs, and inserted data into an auto-growing input field, thereby **facilitating users' upload** of large amounts of **data**.
- Added **link updation feature** to a button whose link pointed to the current page's help documentation via **mapping of URLs** to **JSON** file, resulting in client-side **ease of navigation** of the site.
- Implemented **form validation** thus displaying appropriate error messages to the user and preventing **invalid form submissions**, as well as **debugging logic issues** in Typescript and HTML using Chrome DevTools, which improved the development process and **resolved roadblocks** that impacted **application functionality**.
- Fixed defects such as **styling issues** and **inconsistencies with UI elements** across multiple browsers using HTML and Sass, aligning with standard rules of UI development, and establishing a **consistent visual experience** for users.

### Junior Technical Analyst @ Health Canada

06/2020 - 08/2020. Internship. 3 Months. Remote.

html/css

javascript

php

- Developed and added web content for the IMSD Service Gateway using HTML, CSS and Javascript.
- Implemented **SMTP mailer** from Service Gateway's Feedback Form using PHP and Javascript, optimizing the team's development process by **sending feedback form data** directly to the development team.
- Established a **standardized testing process** by authoring a Quality Assurance and Testing report, thereby ensuring the testing process was **consistent** and familiar to all developers on the team.

### Tutor @ Freelancer

10/2016 - 04/2021. Ottawa, ON.

- Tutored multiple students from Grades 3-12 in subjects such as Mathematics, English, French, Science, and Social Studies, and assessed students' **learning needs** and **weakness** areas.
- Prepared thorough **lesson plans** and practice questions ahead of each tutoring session based on knowledge areas that required attention, ensuring the allotted **session time** was spent as **effectively** as possible.

## projects

### get tasked! (WIP)

react

express.js

mongoDB

- Web application that outputs the user's list of tasks in a **particular order** based on its **priority** and **category**. Frontend written with React and Material-UI, database with MongoDB, and backend with Node.js and Express.js

## education

### Bachelor of Computer Science - University of Ottawa

09/2018 - 05/2022. Ottawa, ON.

**Relevant Coursework:** Design & Analysis of Algorithms, Databases, Design of Secure Computer Systems, Programming Paradigms, Introduction to Software Engineering, Operating Systems, Analysis & Design of User Interfaces



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## ask me about

### Workshop Lead @ Project Tech Conferences

Since 03/2020. Remote.

Wrote and **presented** 7+ workshop events to dozens of secondary school-aged participants using **research** conducted on topics in the **tech industry**. Spearheaded PTC's portfolio to target **underrepresented communities** in technology with **accessible** events.

### Technical Mentor @ Technovation

01/2020-05/2021. Remote.

Mentored **multiple teams** of girls ages 12-16 in **solving a UN Sustainable Development Goal** through the creation of a mobile application, and gave them guidance in building their **Android application** using **Java** and **Thunkable**.

### Member @ Technolgap

Since 09/2020. Remote.

Member of a **women in technology community** of **200+ women** that aims to close the gap between opportunities in the tech industry and **women studying computer science** related fields.

### VP Socials @ uOttawa FHC

09/2019-04/2020. Ottawa, ON.

Member & VP of Socials of **uOttawa's Field Hockey Club**. Responsible for keeping members **updated** on practices & games through Instagram & Facebook.

## languages and tools

java

python

html

css

typescript

node.js

angular

go

javascript

sql

c++

## skills and knowledge

web development

ui/ux dev

object-oriented programming

data structures

algorithms

version control

databases

## career interests

project management

outreach

data science

ui/ux design

## natural languages

english

french

spanish

pashto

arabic

