

# shkula wardak

Seeking junior software development roles for Fall 2021

## work experience

### Software Engineer @ Ribbon Communications

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

angular html sass typescript

- Developed and shipped new **frontend features** on the UI of Ribbon's Analytics application using Angular, Typescript HTML5, and SASS.
- Created an upload feature that **parsed CSV files**, sanitized the input, and inserted the data into an **expanding input field**. Linked **JSON** file containing mapping of corresponding links to external webpage, with a button whose link changed based on current page the user was on.
- Implemented **form validation** on inputs, debugged the application's frontend logic issues using development tools such as **Chrome DevTools**.
- Fixed defects like **styling issues & inconsistencies with UI elements** across multiple browsers, aligning with standard rules of UI development, and Ribbon's brand image.
- Used Debian-based **Linux VM** for development, managed stories & defects using **JIRA**, collaborated on reviewing code with **Smartbear** and employed **Perforce** for version control.

### 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 JS.
- Authored a **Quality Assurance and Testing report** and documented the team's Standard Operating Procedures.
- Managed** and **updated** tickets that represented team's current tasks using **Redmine**, a project management tool.

### Tutor @ Private Clients

Since 10/2016. Ottawa, ON.

- Tutored multiple students from Grades 3-12 and helped them gain a deeper understanding of subjects such as Mathematics, English, French, Science and Social Studies.
- Developed superior organizational skills by **preparing lesson plans and practice questions** ahead of each tutoring session.
- Strengthened time and priority management skills by **planning out each session** to prioritize topics that the student was struggling with.

## project

### get tasked! (WIP)

react html css mongoDB

**React web application** that outputs an order of which tasks to complete in which order **depending on their priority and category**. Intended for those who have difficulties deciding which tasks to complete off their todo list. Tasks are saved to a **mongoDB database** when the user wants to return to their task list at a later time.

## education

### Bachelor of Computer Science @ University of Ottawa

09/2018 - 04/2022. 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.



shkula.wardak@gmail.com

(613) 402 2822

shkulawardak.github.io

## ask me about

### Workshops & Curriculum Coordinator @ Project Tech Conferences

Since 03/2020. Remote.

Wrote curriculum for **7+ workshop events** using research conducted on topics in the **tech industry**. Developed PTC's portfolio to target **underrepresented communities** in technology with **accessible events**. Presented workshops to **dozens of participants**.

### Technical Mentor @ Technovation

Since 01/2020. Ottawa, ON.

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. Ottawa, ON.

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 & former 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 sql node.js  
go javascript c++ react

## 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