

shkula wardak

Seeking junior software development internships 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

swardak.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 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