

# Fardin Khan

Computer Science • University of Victoria

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## PROFESSIONAL EXPERIENCE

Interface 48 Systems, Vancouver BC, Canada

February 2021 - May 2021

Frontend Developer (Full time)

- **Technologies used:** TypeScript, React, Material-UI, C#, Razor Pages
- Implemented features within JavaScript applications serving as front-end User Interfaces (UI).
- Worked on ASP.NET applications to generate PDF-formatted reports.

Tzartus Software, Remote

May 2021 - Present

Software Developer (Part time)

- **Technologies used:** JavaScript, React, Node.js, Electron
- Worked on desktop applications.
- Building modern and aesthetically pleasing front-end and full-stack applications based on user-derived requirements.

## EDUCATION

University of Victoria, Victoria BC, Canada

Graduated: July 2020

Bachelor of Science, Computer Science

## SKILLS

- **Languages:** JavaScript, TypeScript, Python, Java, C#, C, SQL
- **Frameworks/Technologies:** React, Node.js, NPM, Git, Linux, Material-UI, VSCode
- **Databases:** MongoDB, PostgreSQL
- **Markup:** HTML5, CSS3, CSS preprocessor: SCSS/SASS, Web layout models: Flexbox, Grid
- **Data structures and algorithms**
- Excellent verbal and written communication skills
- Strong initiative and passion for learning, confident in leadership roles, attentive listener.

## PROJECTS

### COVID-19 Tracker Web App

- Developed the app in **React**. The app extracts data from an **API** and displays various stats of COVID-19 cases worldwide.
- The app further gives users the **option to search** for the COVID-19 data of **any country**.  
Source code: <https://github.com/f2k5/COVID-19-Tracker>  
Live app: <https://f2k5.github.io/COVID-19-Tracker/>

### Pomodoro

- Developed a 25 minute **pomodoro timer** app using **React**.  
Source code: <https://github.com/f2k5/Pomodoro>  
Live app: <https://f2k5.github.io/Pomodoro/>

### Text formatter

- Developed a text formatter in **C** and an advanced text formatter in **Python**.
- Wrote a **Python** script to **automate testing** for the advanced text formatter, **reducing testing time significantly**.  
Source code: <https://github.com/f2k5/Software-Development-SENG-265>

### Number Game

- Developed a game in **JavaScript**, **HTML** & **CSS** that asks a player to guess randomly generated numbers.  
Source code: <https://github.com/f2k5/Number-Guessing-Game>  
Live game: <https://elastic-goldwasser-7f8b16.netlify.app/>

### MacOS Desktop Cleaner

- Wrote a **Bash script** that macOS users can run on their desktop to **organize piled up** images, screenshots and pdfs.  
Source code: <https://github.com/f2k5/Mac-Desktop-Cleaner>

### Password Generator iOS app

- Developed an **iOS app** in **Swift** that **generates strong passwords** for users.  
Source code: <https://github.com/f2k5/Password-Generator>

## VOLUNTEER EXPERIENCE

University of Victoria, Victoria BC, Canada

January 2020 - April 2020

Course representative for CSC 361

- Took feedback from students via email or in person.
- Provided feedback to the course instructor.
- Attended meetings with the instructor and TA's to improve the course and lab experience.