




# Fardin Khan

Computer Science • University of Victoria

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## Experience

### Tzartus Software

Software Developer (Part time)

May 2021 - Present

Remote

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

### Interface 48 Systems

Frontend Developer (Full time)

February 2021 - May 2021

Vancouver BC, Canada

- **Technologies:** 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.

## Education

### University of Victoria

B.Sc Computer Science

Graduated: July 2020

Victoria BC, Canada

- **Coursework:** Software Development Methods, Data Structures and Algorithms, Database Systems, World Wide Web and Mobile Applications, Object-Oriented Software Development, Data Mining, Operating Systems

## Skills

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

## Software Projects

### Card Trick App

- Developed the app in **TypeScript, React, React Router** and **Material-UI**. The app figures out the card the user was thinking of.  
GitHub: <https://github.com/f2k5/card-trick>  
Live app: <https://f2k5.github.io/card-trick>

### COVID-19 Tracker App

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

### Time Management Pomodoro App

- Developed the app in **React** and **JavaScript**. The Pomodoro Technique is a time management method, that uses a timer to break work into 25 minute intervals.  
GitHub: <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**.  
GitHub: <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 & gives them a score.  
GitHub: <https://github.com/f2k5/Number-Guessing-Game>  
Live game: <https://elastic-goldwasser-7f8b16.netlify.app/>

### MacOS Desktop Cleaner

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

### Password Generator iOS (Mobile) App

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

## Volunteer Experience

### University of Victoria

Course representative for CSC 361

January 2020 - April 2020

Victoria BC, Canada

- 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.