

# SAFEER KHAN

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## SUMMARY

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A recent graduate with the goal to obtain an internship, co-op, or job position to gain work experience within the field of software development.

## EDUCATION

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**Carleton University, Ottawa**

*September 2015 - June 2020*

Bachelor of Science, Computer Science

Minor, Business

## SKILLS

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**Front End:** HTML, CSS, JavaScript, Bootstrap, React, jQuery

**Back End:** Java, C++, Node.js, MongoDB, MySQL

**Other:** Git, Linux, Agile, TDD, Microsoft Office, Adobe Apps, LaTeX, Design Patterns, API, Cilk, MPI, Prolog

## PROJECTS

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**Graphical Tile Rummy** (Java, JavaFX, Agile, TDD)

- Team lead in a group of 4. Created a graphical desktop application of the game Tile Rummy. Followed Agile and TDD development techniques. Tasked with the graphical interface and creation of 3 game bots varying in difficulty of algorithms and design patterns used.

**Musical Chords Database** (HTML, Javascript, Node, MySQL)

- Creation of an online database for the Carleton University department of music. Music excerpts scanned from physical and digital copies of music sheets. NodeJs and MySQL used for back-end and database.

**Food Recipe Website** (React, API)

- Created of a React website with Food2Fork Recipes Api. A small, personal project to learn React framework.

**Conway's Game of Life Parallelization** (C++, MPI, Cloud)

- Worked with AWS cloud resources accessed through SSH on Linux Ubuntu. Implemented a Parallel Conway's Game of Life using C++ and MPI. Ran multiple simulations.

## EXTRACURRICULAR ACTIVITIES

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**cuHacking**

*January 2017, 2018, 2019*

- Hackathon held at Carleton University. Attempted to create face-recognition website in 2017, and food delivery app in 2018. Chosen as a student tutor to assist in teaching basics of Git, Linux, and software development at event in 2019.

**NSNorth 2019**

*April 2019*

- Attended Canada's Apple designer and developer conference to learn Swift, iOS developing, and networking.

**Content Creator** ([instagram.com/safstories/](https://www.instagram.com/safstories/))

*September 2016 - Present*

- Personal hobby of photography and filmography. Create short films.