SOKHOUNTEA SY

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EDUCATION

McGill University *September 2017 - 2021*

B.A. Major in Computer Science, minor in Mathematics and Economics

<u>Relevant Courses:</u> Algorithms and Data Structures, Programming Languages and Paradigms, Software Design, Operating Systems, Discrete Structures, Linear Algebra, Fundamentals of Computer Graphics, Principles of Web Development, Database Systems (W2021)

WORK EXPERIENCE

BOMBARDIER - **Full Stack Developer Intern** *January 2021 - Present*

- Identify aspects of day to day work that could be automated to improve productivity
- Use my creativity to develop front-end user experience based on company needs
- Use my creativity to improve internal tools
- Make sure my creations are robust and user-friendly enough for long-term use
- Quickly conceptualize plug-and-play convergence
- Participate in Agile rapid prototyping and development

PERSONAL PROJECTS

Photography Portfolio Template <u>Live</u> <u>Code</u> *January 2021*

Designed and developed a responsive photography portfolio website using **React.js**, **Styled Components** and **SASS**. Design is kept minimalist to let the photographs stand out. Implemented a simple backend that allows sending emails through a form with **Node.js**.

Portfolio Web Application <u>Live</u> <u>Code</u> *December 2020*

A single page application that is responsive and interactive using **React.js** and **SASS**.

Tic Tac Toe <u>Live</u> <u>Code</u> *June 2020*

Designed and developed a web page that generates a board game with the same concept as Tic Tac Toe, in **HTML & CSS**, **JS** and **jQuery**. Two users are able to play against one another. The board has three available dimensions: 3x3, 4x4 and 5x5.

ACADEMIC PROJECTS

McGill's SOCS Web Application *November 2020*

For the course Principles of Web Development, I designed and implemented a new responsive and interactive look to current McGill's current School of Computer Science website using **React.js** and **Styled Components**. I also implemented a simple backend that allows users to dynamically modify the content of the Events web page by making a new listing, using **MySQL**, **Node.js** and **Rest API**.

Simple File System <u>Code</u> *November 2019*

For the course Operating Systems, I designed and implemented a simple file system that can be mounted by the user under a directory in the user's machine, using **C**. It is a file system that works in **Linux**. Also mountable through FUSE.

SKILLS

PROGRAMMING/SCRIPTING LANGUAGES

Java | **C** | **HTML** & **(S)CSS** | **JavaScript** | **Python** | **SQL**

FRAMEWORK/TOOLS

IntelliJ IDEA | **Eclipse** | **Git** | **Visual Studio Code** | **JUnit** | **Adobe Photoshop CS** | **Microsoft Office** | **XCode** | **jQuery** | **React.js** | **Styled Components** | **Node.js** | **REST API**

LANGUAGES

English (Fluent), French (Fluent)