

Sokhountea Sy

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WORK EXPERIENCE

BOMBARDIER

January 2021 - Present

Programming Intern

- Use my creativity to develop front-end user experience based on company needs using **React.js** and **Redux**, **Bootstrap** and **SCSS**, with a **Node.js** backend and **PostgreSQL** database
- Increase coverage and reliability for end-to-end tests implemented with **Cypress** and **Jest**
- Work with serverless architectures built on top of **AWS** services like Lambda, DynamoDB, RDS, ECR, etc.
- Participate in **Agile** rapid prototyping and development
- Work in a **Scrum** team with daily meetings and bi-weekly sprint planning session

PERSONAL PROJECTS

Photography Portfolio Template [Live Code](#)

January 2021

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

Portfolio Web Application [Live Code](#)

December 2020

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

Tic Tac Toe [Live Code](#)

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

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 [Code](#)

November 2019

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.

EDUCATION

McGill University

September 2017 - 2021

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

Relevant Courses:

Algorithms and Data Structures |
Programming Languages and Paradigms |
Software Design | Operating Systems |
Fundamentals of Computer Graphics |
Principles of Web Development | Database

SKILLS

Programming/Scripting Languages:

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

Framework/Tools:

Git | Visual Studio Code | Adobe Photoshop
CS | jQuery | React.js | Styled Components |
Node.js | REST API | PostgreSQL | Jest |
Cypress

Languages:

English (Fluent), French (Fluent)