

Yuxin Shao

SOFTWARE DEVELOPER

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Education

McGill University

BSc(HONS) IN SOFTWARE ENGINEERING

- Cum. GPA: 3.79, 1st Class Honours
- Topic of student research project: COVID-19-Related Research in CS Area: A Topic Analysis Approach (in submission)

Montreal, Quebec

Sep. 2018 - Oct. 2021

Coursework

Database Systems • Distributed Systems • Computer Networks 1 • Software Delivery • Software Requirements Engineering • Software Validation • Applied Machine Learning • Introduction to Data Science • Concurrent Programming • Operating Systems • Software Design • Algorithms & Data Structures

Skills

PROGRAMMING

Over 5000 lines: Python • JavaScript • Java

Familiar: C/C++ • OCaml • Shell • R

SOFT SKILLS

Self-Learning • Team Player

Work Experience

Shanghai Xinlian Information Science & Technology Co., Ltd

FRONT-END DEVELOPER INTERN

- Work as an intern, participating to develop WeChat mini-program front-end part using WePY(syntax similar to Vue.js integrating with WeChatAPI) and uniapp (a framework using Vue.js syntax to render cross-devices front-end applications).
- Complete most of the front-end part of the project on myself and communicate with the back-end developer to improve the API design.

Shanghai, China

Sep. 2020 - Dec. 2020

Projects

2048 Game

JQUERY, HTML, CSS

- A playable little web game using JQuery to implement the DOM manipulations.
- Deployed using GitHub Page.

Montreal, Quebec

2020

Simple Piano Keyboard

VUE.JS, TONE.JS

- A playable virtual piano keyboard that can use the computer keyboard, touches(mobile devices), or clicks (PC) to play the notes.
- Using Vue.js to build the project and Tone.js to control the audio synthesis.
- Deployed using GitHub Page.

Shanghai, China

2020

Memories App

MONGODB, EXPRESS.JS, REACT.JS, NODE.JS (MERN)

- A pictures-sharing application building with MERN stack.
- Supporting sign in, sign up, Google account login, and comments functionalities.
- The client-side is deployed using Netlify and the server-side is deployed using Heroku.

Montreal, Quebec

2021

Mini-React

JAVASCRIPT

- Using vanilla JavaScript to write a simpler version of React.js library.
- A simple-counter demo is deployed on the codePen platform.

Montreal, Quebec

2021