# max zhang

yixuan.zhang3@mail.mcgill.ca
chetbae.github.io

**projects**

### Boook 🔗
*Frontend Developer*
01/2021 - ongoing

Architected and developed book tracker application using Typescript, ReactJS (Hooks), styled-components, and GitHub Pages to give users the satisfaction of compiling a stack of books in a virtual medium.

Prototyped during HackTheNorth2021++, 'Boook' is a simple yet aesthetic to-do list for readers, designed and implemented with reusable and custom-themed components.

### Restaurant Menu Display
*Student Project*
12/2020

Engaged in design discussions and implemented code from ideation to deployment to produce an interactive software for managing an overhead display using Java (JavaFX).

Collaborated on key features in an agile environment, frequently discussing optimal software design principles, contributing, and rebasing using Git/Gitlabs.

**skills**

| | | |
|---|---|---|
| Java | Git (Github, Gitlab) | Data Structures and Algorithms |
| Javascript | ReactJS | Digital Signal Processing |
| Typescript | NodeJS | Digital Audio |
| Python | Firebase | competencies |
| HTML / CSS | Qt Designer | |
| C/C++ | tools | |
| languages | | |

**school**

### McGill University
09/2018 - 05/2023

Bachelor of Music in Music Performance + Double Major in Computer Science.

| | |
|---|---|
| Algorithms and Data Structures | Computer Science Foundations |
| Algorithm Design | Calculus |
| Software Design | Linear Algebra |
| Computer Systems | Discrete Mathematics |
| Software Systems | Probability |

**not tech stuff**

### Orchestra Manager
*McGill University*
09/2019 - 05/2020

With efficient set-up and library management, increase productivity during rehearsal by 10%.

Act as a line of communication between director and musicians outside of meetings to keep the band up-to-date with latest repertoire and concert information.

### Musician
*Vancouver / Montréal*
2016 - ongoing

Perform outstanding repertoire ranging from jazz, classical, to funk music for various types of gigs and events.

Engage listeners in a compelling musical experience, adding to the overall entertainment of the event to create an unforgettable and unique night.

*music-portfolio*