


TERRY WANG

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Education

University of Waterloo

Bachelor of Computer Science
Sep 2016 – Jun 2021

Relevant courses

Object-Oriented Software
Development, Foundations of
Sequential Programs,
Operating Systems

Skills

Languages

C++, C, HTML5, CSS3,
JavaScript, Scala, Swift

Frameworks

Node.js, Express.js, Bootstrap
4, React, React Native, jQuery

Database

MongoDB, Cosmos DB

Operating Systems

Linux, Mac OS, Windows

Experience

Software Developer Co-op

Finastra

Toronto ON, Canada

May 2018 – Aug 2018

- Worked in an agile software development environment to develop, and update platform modules with JavaScript
- Created a Yeoman generator with package selection for quick microservice scaffolding
- Developed a logging module with NPM package Bunyan and RxJS
- Implemented an Express middleware to validate incoming requests with NPM package AJV and Json Schema
- Built a messaging agent with the ability to send a single or a batch of messages synchronously

Software Developer Co-op

China Mobile Group Design Institute Co., Ltd.

Beijing, China

May 2017 – Aug 2017

- Implemented “quick sort” to sort user location data by coordinates for analyzing user behaviors
- Created a C program that divided Baidu Map into a matrix of coordinates to represent collected data
- Optimized internal website by implementing responsive features for mobile devices

Projects

AutonomousWardrobe

github.com/wtyanan/AutonomousWardrobe/

- A Web App that scans and saves user uploaded clothing pictures to give them suggestions based on color combination and weather conditions
- Used IBM Watson Visual Recognition API to determine the type of the clothing from the picture
- Created a simple neural network for suggesting color combination based on RGB value with NPM Package brain.js
- Built with Express.js as back-end, MongoDB as database, Handlebars.js as template engine, and Bootstrap 4 for front-end

Mr.Schedule

github.com/wtyanan/Mr.Schedule

- A WeChat Miniprogram (embedded in WeChat) provides students a simple timetable to input their courses and view it as a daily schedule
- Developed with HTML, CSS, and JavaScript, implemented input for course information, edit function, and display function
- Currently has more than 2200 total users, and an average 15 – 20 active users per day