

Yue Wang

Profile

A fresh graduate from Monash University with a Master of IT degree and a GPA of 3.75. Yue is passionate about web development and enjoys working in an achievement-focused environment.

Education

Master of Information Technology, Monash University

SEPTEMBER 2019 – JULY 2020

GPA: 3.75; High Distinction

Employment History

Academic Tutor, Navigator Union

JULY 2019 – PRESENT

Tutored master students in multiple IT units including:

- Software Engineering
- Big Data Management and Processing
- Intelligent System
- Data Communication

Student Engagement Administration Officer , Monash University

MARCH 2020 – MAY 2020

- Provided information and assistance to students over a range of areas
- Worked with student program manager and collected feedback

Java Developer Intern, Tangrui Solution Inc

JUNE 2017 – JANUARY 2018

- Worked with Senior Developer to develop web pages using CSS, HTML, and jQuery.
- Participated in weekly Tech team meetings to discuss current and future projects.

Volunteering

Volunteer at FareShare

JANUARY 2020 – JUNE 2020

FareShare is an organization that rescues surplus foods and provides free meals for charities such as soup vans and homeless shelters.

- Prepared and packed meals

Peer Mentor at Monash University

SEPTEMBER 2019 – JUNE 2020

The Peer Mentor Program is designed to help new students transition into university life and give current students the opportunity to participate in a mentoring program.

- Assisted first-year students by sharing experiences positively and involving them in Faculty activities.
- Helped create and maintain an open and supportive environment for new students.

Details

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Links

[Linkedin](#)

[Github](#)

[Medium](#)

Skills

Java Python R C# JavaScript

HTML & CSS

ASP.NET MVC

Node.JS & Express & EJS

Apache Spark

Apache Hadoop

Apache Kafka

Project

Radio Monitoring Data Analysis System

Data analysis system for radio noise reduction

- Design and developed a data analysis system to filter radio monitoring data
- Used Apache Hadoop and HDFS to build a distributed system
- Implemented k-means to detect and remove noisy data with A MapReduce framework

StopFire

Real-time bush fire analysis and visualization

- Built a bush fire analysis tools in Python, Apache Kafka, and MongoDB
- Used gmplot to creat geographic visualization with the geolocation data of fire spots

Sponge

Web application for household water usage analysis and rain harvesting estimation

- Designed, built, and shipped an open-source Node.js app for water-saving and rain harvesting
- Built an integrated database system with MongoDB Atlas and MySQL
- Industry Experience Topic Winner and Expo student award