

BRUCE ZHU

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EDUCATION

The University of Melbourne

Bachelor of Science (Computing and Software Systems)

Melbourne, Victoria

March 2020 – November 2022

WORK EXPERIENCE

Youzhi Education

Administrative Assistant

September – December 2019

- Assisted school manager with meeting arrangement and course planning
- Managed classes and tutored primary school students

TECHNICAL SKILLS

Programming Languages: Python, C, Java, HTML5, CSS3, JavaScript, MATLAB

Frameworks: Node.js, Express.js, React.js, Bootstrap

Tools: Figma, Adobe Xd, Jupyter Notebook, FlutterFlow

Databases: MongoDB, MySQL, PostgreSQL

SIDE PROJECTS

Portfolio Website (<https://brucezhu.com/>)

March 2022

- Designed with **Figma**
- Built with **React.js**

Nutrition Expert

April 2022

Built in Codebrew Hackathon 2022, Computing and Information Systems Students Association

A program-based 2-d game that provides knowledge about food & nutrition and FUN to people

Winner of the Best Technology Award

- Built with **Python**, **pygame** module

Yelp Camp

February 2022

A website where the user can browse campgrounds and log in to create, edit and review campgrounds

- Built frontend pages using **Express.js** with **EJS** view engine, and **CSS Bootstrap**
- Connected with database **MongoDB** using **Node.js** and **Mongoose**

Candy Challenge

April 2021

Built in Chronicle Hackathon 2021, Google Developer Student Club

A web app aiming to help people improve social interactions during the pandemic

Winner of the Most Community-Focused Award (Top 5)

- Designed the app using **Figma**
- Built frontend using **HTML**, **CSS** and **JavaScript**
- Stored data and deployed the app using **Firebase**

VOLUNTEERING EXPERIENCE

Computing and Information Systems Students Association(CISSA)

Events Team Officer

March 2022 – Present

- Attended events on behalf of CISSA to help setup and guarantee the smooth running of events
- Assisted transporting food, drinks, merch, etc. for on-campus events
- Co-hosted and assisted in the planning of on-campus and online events

University of Melbourne

Peer Mentor

February 2022 - Present

- Mentored and supported 22 first-year students with their adaptation to university life by hosting a series of in-person sessions and regular communication

University of Melbourne Student Union

International Student Ambassador

September 2021 – Present

- Worked with committee members to organise professional as well as social events that specifically target the international community at the university, such as finance workshop, visa workshop and trivia night

Google Developer Student Club(GDSC)

Committee - Core Tech Team

August 2021 – Present

- Collaborated with club committee members to organise workshops and events to share knowledge about technology and bring industry connection to fellow students
- Participated in Google Solution Challenge 2022 to solve one of United Nations 17 Sustainable Development Goals by using Google technology

INTERESTS

- Badminton
- Guitar