# **Alvin Lin**

## Sydney, Australia

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Final year Computer Science student at University of Western Sydney majoring in System Programming. I have a strong passion for developing and designing software for the web and strives to create website with seamless user experiences pertaining clean, efficient and scalable code. I am expected to graduate by the end of 2022 and I am looking for an opportunity to work as a Software Engineer.

# Skills

Programming Languages: C++, Javascript ES6+, TypeScript, HTML5, CSS3

Libraries & Frameworks: Angular2+, Bootstrap, RxJS

**Tools:** Git, Firebase

# **PROJECTS**

Covid-19 Tracker, Track Covid-19 cases around the world.

#### Live Demo | Source Code

- Display Covid-19 data of all the countries along with its states.
- Integrated Chart.js to show Covid-19 data from around the world.
- Deployed using Firebase.

# **TicTacToe**

#### Live Demo | Source Code

- Simple Tic-Tac-Toe with multiple game modes that also tracks player's win score.
- Difficulty level 3 AI is implemented using MiniMax Algorithm, thus making it unbeatable.
- · Deployed using Git.

#### 9x9 Hex Board Game

#### <u>Live Demo</u> | <u>Source Code</u>

- Win Checking is implemented using Backtracking algorithm.
- · Deployed using Git.

### **EDUCATION**

#### **Bachelor of Computer Science**

University of Western Sydney, Sydney, Australia

Major in System Programming

March 2020 - November 2021

# **WORK EXPERIENCE**

#### Subway, Sandwich Artist

February 2020 - Current

- Open the restaurant by baking breads and cookies, and set the day up for success.
- Able to handle customer questions and complaints during business hour.
- Lead and work together with the team to keep the sandwiches moving with minimum mistakes.