






# Yonathan Cahyadi

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<https://github.com/YonathanCahyadi>   
<https://yonathancahyadi.github.io> 

I am a graduate from **Queensland University of Technology**. My Major is **Computer Science** and I have interest in **Web Development**, **System Programming** and **Network Security**. I am also passionate to learn new technology.

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## IT Skill

- **Tools:**  
Intellij, Visual Studio 2019, Visual Studio Code
- **Languages:**  
JavaScript, HTML, CSS, C, C#
- **Version Control:**  
GitHub, Git
- **Database Management:**  
MySQL, MongoDB, PostgreSQL
- **Operating System:**  
Windows, Linux

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## Education

2019 - 2021

### Bachelor of Information Technology / QUT, Australia

- Graduate with GPA **6.167**

2018 - 2019

### Diploma of Information Technology / QUT, Australia

- Graduate with GPA of **6.125**

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## Experience

2020, NOVEMBER

### Capstone Project

In this project my role is to:

- Building a website using **React** to track COVID-19 growth rate.
- Building an API using **MongoDB** and **Express**.
- Make use of **Github** for Version Control.
- Use **AGILE** as our Project Management Framework.
- Use **Atlassian Jira Software** as our Project Management Tools.
- Make a good communication relation with our client.
- Final Product: <https://github.com/meowlearning/covid19-gis>
- Website: <https://covid-19-data-visualisation.herokuapp.com/>

2020, NOVEMBER

## Socket Programming

An Assignment Project focusing on socket, IO, multi-threading and synchronization using C programming languages. In this assignment I need to:

- Make 2 program, that act as server and client.
- Implement Linked List data structure in the server side.
- Implement multi-threading and synchronization (using mutex) in the server side.
- Implement IO re-direction in the server side.
- Implement user input validation in the client side.
- Final Product: [https://github.com/YonathanCahyadi/process\\_overseer](https://github.com/YonathanCahyadi/process_overseer)

2020, OCTOBER

## Music Sentiment Analyzer

In this project I need to:

- Need to make a server API using **Express**.
- Use **Spotify**, **Google Translate** and **lyric.ovh API**.
- Need make a website front-end using **React**.
- Deploy the app into **AWS**.
- Setup **Load Balancer**, **Elastic Cache**, and **S3 Bucket**.
- Final Product: <https://github.com/YonathanCahyadi/music-sentiment-analyzer>

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## Organization

- Member of Golden Key Honours Society