





Yonathan Cahyadi

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<https://github.com/YonathanCahyadi> 

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

IT Skill

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

Soft Skill

- Problem Solving
- Communication
- Time Management
- Hard Working
- Team Work
- Flexibility
- Bilingual (English, Bahasa)

Education

2018 - 2019

Diploma of Information Technology / QUT, Australia

- Learning some basic programming languages, such as Python, C#, etc.
- Graduate with GPA of **6.125**

2019 - 2021

Bachelor of Information Technology / QUT, Australia

- **Majoring in Computer Science:**
 - Learning more advance technical skills, such as Object Oriented Programming (OOP), Version Control, low-level programming using C, and etc.
- **Minoring in Network Security:**
 - Learn about Linux System Administration.
 - Learn to set up an IPv4 and IPv6 Network.
 - Learn regarding Information Security policy.
 - Learn to set up a DHCP, NetPlan on Linux.

- Learn the basic of Pen-testing.
- Graduate with GPA **6.167**

Experience

2020, APRIL

Networking

Assignment regarding Ipv4 and Ipv6, in this assignment I need to:

- Setting up an **IPv4** and **IPv6** Network.
- **Subnetting** and **Supernetting** an IPv4 and IPv6 Network.
- Setting up a **static** and **dynamic** routing.
- Using **Cisco Command Line Interface**.

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

2020, NOVEMBER

Capstone Project

A Capstone Project with the client being Queensland Health, for the project we are doing it in a group of 4 people. This project requires us to make use of the knowledge we learn throughout the semester to solve a real-world problem. In this project my role is to:

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

Organization

- Member of Golden Key Honours Society