

Muhammad Mappanyompa Rukka

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Education

九州工業大学 Iizuka, Japan
Master of Engineering, Computer Graphics. GPA 36.0 March 2019 - March 2021
Relevant Coursework: Advanced Computer Graphics, Computer Vision, Computer Security, System Architecture

Universitas Hasanuddin Makassar, Indonesia
Bachelor of Computer Science, GPA 3.41 August 2014 - November 2018
Relevant Coursework: Object Oriented Programming, Algorithms, Web, Networking, Data Structures, Database, Machine Learning

愛和外語学院 Fukuoka, Japan
Non-degree March 2021 - Now
Relevant Coursework: Japanese language

Experience

九州工業大学 Iizuka, Japan
Research Intern January 2018 – March 2018

- Work closely led by Associate Professor Masaki Oshita by learning the fundamentals approaches used in Interactive computer animation.
- Completed development work and demonstrated human motion animation techniques.
- Implementing motion interpolation algorithms into practice for character animation techniques.

Leadership & Activities

グローバルコミュニケーションラウンジ(GCL)飯塚キャンパス Iizuka, Japan
Volunteer staff January 2018 – March 2018

- International communication with foreign students
- Participate in social interaction activities & cultural exchange

Skills & Interests

Technical: Programming in Python, JavaScript, Java, C++, PHP, knowledge of HTML, CSS, Bootstrap, React, API, MySQL. Experience with OpenGL, Motion Capture
Language: English (Business level), Indonesian (Native), Japanese(Conversational), Arabic(Conversational)
Interests: Software engineering · Web Developer · Computer Graphics · Artificial Intelligence

Certificates

日本語能力試験 JLPT N4 January 2021
The Japan Foundation

JavaScript Algorithms and Data Structures January 2022
FreeCodeCamp
freecodecamp.org/certification/muhmp_/javascript-algorithms-and-data-structures

Responsive Web Design August 2021
FreeCodeCamp
freecodecamp.org/certification/muhmp_/responsive-web-design

CSS and JavaScript Crash Course

September 2021

Udemy

[udemy.com/certificate/UC-00e0a2b1-82b0-46b8-89c1-81a831cf1c25/](https://www.udemy.com/certificate/UC-00e0a2b1-82b0-46b8-89c1-81a831cf1c25/)

Complete Responsive Web Development: 4 courses in 1

January 2021

Udemy

<https://www.udemy.com/certificate/UC-c04d7fd2-8097-43f0-a74a-e8d652ad7f60/>

Projects

Responsive Motion Transition

- Proposed a set of walking motion data as input to be processed through a dynamic transitive method to produce the output as a smooth transition continuous walking motion.

Collecting Motion Data using Optitrack Motion Capture System

- Producing motion data using motion capture. The results of the motion data can be used in the future to be Implemented together with an algorithm of animation techniques.

Weather API using OpenWeather API

- Built a simple web app weather API based on OpenWeather data generated in real time based on searched locations.