# SUFI FIRDAUS

## LECTURER

## CONTACT

📱 +6017-879-7176

✉️ sufifirdaus95@gmail.com

🌐 sufisuperb77.github.io

📍 Kajang, Selangor
Malaysia

------------------------------------------------

## SKILLS

Augmented Reality (AR)
Mobile Application / Web Development
Unity 3d / C#
Human-Computer Interaction Principle
HTML,CSS, Javascript, SQL Server
Data Persistence, File I/O Operations
UI/UX Design
Agile Methodology
Adaptibility
Teaching and Training
Research and Development
Problem-solving and Troubleshooting
Teamwork

------------------------------------------------

## EDUCATION

**Master of Multimedia Computing**
**Universiti Putra Malaysia**
2020 - Current
GPA: 3.85

**Bachelor of Computer Science - Multimedia**
**Universiti Putra Malaysia**
2014 - 2018
GPA: 3.67

------------------------------------------------

## LANGUAGES

Melayu ◆◆◆◆◆

English ◆◆◆◆◆

Arabic ◆◆◇◇◇

## PROFILE

Dedicated and knowledgeable Researcher with a proven track record in exploring augmented reality (AR) and Human-Computer Interaction (HCI). Proficient in conducting research and implementing innovative solutions, with expertise in augmented reality (AR) application development and mobile app creation. Skilled in project management, team collaboration, and problem-solving. Effective in teaching, mentoring, and conducting workshops. Passionate about music, graphic design, and multimedia. Recognized for academic excellence, project achievements, and leadership roles. Seeking a lecturer position to share expertise, inspire students, and contribute to the academic community in the field of multimedia development and technology.

## WORK EXPERIENCE

### Research Assistant

Universiti Putra Malaysia. | Serdang, Malaysia          Jan 2022 - Dec 2022

- Conducted AR workshops to teach teachers from KPM to develop customized augmented reality applications using Unity 3D, tailored to their subjects for seamless integration into the school system.
- Developed and integrated an AR mobile application for a web-based PACS system, enabling immersive 3D visualization of MRI scan image data while providing drawing functionality and utilizing technologies such as Linux/Ubuntu, NGINX, Node.js, and MongoDB.

### Tutor

Universiti Putra Malaysia. | Serdang, Malaysia          +2 years

- Conducted interactive sessions teaching students how to develop augmented reality applications using Unity 3D tailored to client requirements.
- Led lab sessions focused on modeling, providing hands-on training to students in creating 3D models for various applications.
- Provided private tutoring services on a home-to-home basis, specializing in mathematics for primary and secondary school students, as well as teaching computer science to primary school students.

### Multimedia Developer - Intern

CASD Medical Sdn. Bhd. | Serdang, Malaysia          Feb 2018 - Aug 2018

- Aqua Smart: Created a mobile application providing guidance on water safety and emergency situations, incorporating augmented reality to demonstrate floating techniques and safety precautions.
- Little Otus: Created an augmented reality application for kindergartens, transforming classroom items into interactive 3D elements to facilitate learning that come with a book as a marker that have been published under UPM . Also created a video music animation using Adobe Animate and Audition, featuring an original theme song exclusively composed for the application.
- Developed a website for a call-for-paper event using HTML and CSS, and published it on a Windows Server using remote desktop connection.