

AMIRA DEURASEH

CREATIVE FRONTEND DEVELOPER

A frontend developer with over 5 years of diverse experience in web development, programming education and creative media. I'm passionate in building a unique web experience using modern JavaScript frameworks and WebGL.

WORK EXPERIENCE

Programming Tutor (Freelance)

2019 - PRESENT

I provided personalised one-on-one tutoring in a wide range of computer science topics, from fundamental concepts to advanced design patterns. My adaptable teaching style accommodates students from diverse educational backgrounds, and I thrive on meeting the unique learning needs and challenges of each individual student.

Developer Intern Sony EMCS Malaysia

JUNE 2018 - SEPTEMBER 2018

As an intern with Sony, I explored the usage of Amazon Alexa with smart TV. I provided a working proof of concept to control TV features with Alexa Echo device utilising a combination of Raspbian OS, infrared sensor, Amazon Web Services (AWS) and Alexa Skill Kit (ASK).

Creative Content Producer (Freelance)

JANUARY 2021 - PRESENT

As a content producer, I seamlessly combined roles as a photographer, videographer, storyteller and editor to create captivating visual content for global brands. I worked with a variety of clients across South Korea, Malaysia, Portugal and Japan to craft emotionally resonant narratives that helped drive user engagement and enhance the impact of marketing campaigns.

Web Developer SME Corporation Malaysia

SEPTEMBER 2017 - SEPTEMBER 2018

Working closely with researchers from SME and IKDPM UPM, my responsibility was developing a data analytics web platform for the SME Input-Output Table. This process involved translating design sketches and client objectives into interactive user interfaces, enhancing data accessibility and delivering real-time data simulations and insights.

Design Engineer Sony EMCS Malaysia

JULY 2019 - JANUARY 2021

At Sony, I was primarily responsible for developing internal software tools to automate picture quality testing. I collaborated between UI and hardware teams to utilise Sony's proprietary sensors with Java and Android native C++. I also contributed to the integration of the Amazon Alexa App in Sony TVs, providing an enhanced user experience with cutting edge voice assistant system.

Research Assistance Walailak University Thailand

JULY 2016 - DECEMBER 2016

Under the supervision of the School of Engineering and Technology, I analysed and visualised student admission records using Python and various libraries. Our collaborative efforts yielded valuable insights that supported data-driven decisions aimed at improving educational policies at WU.

EDUCATION

Universiti Putra Malaysia (UPM), Serdang

Bachelor of Computer & Communication Systems Engineering, 2016-2019.

LANGUAGES

English Fluent

Malay Fluent

Korean Intermediate. TOPIK Level 3

Thai Elementary

Japanese Elementary

Turkish Elementary

CERTIFICATIONS

Three.js Journey By Bruno Simon. 2023

Comprehensive training in Three.js, covering GLSL shaders, React Three Fibre (r3f), Blender and optimisation.

The Joy Of React By Josh W Comeau. 2024

In-depth React with advanced state management, API design, NextJs, Framer Motion and MDX-based blogs.

CSS For Javascript Developer By Josh W Comeau. 2023

The intricacies of modern CSS, including layout techniques, styled components, animations, and accessibility.

AWARDS

Zoohackathon KL By United States Embassy 2018

Champion. Developed Wildcam, a Tensorflow-based application for identifying wildlife species and populations from live camera streams.

Motorola MotoInnoCup Competition 2016

Champion. Developed Fully Automated Controller for External Defibrillator (FACED) to detect Ventricular Fibrillation (VF) in cardiac arrest situation and establish appropriate shock levels.