Chong Jhuang Hung

BSc Physics from University of Malaya

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Profile Highlight

Academic	Work	Related Experience
CGPA 3.90	**3.5 Years**	**Software Engineer**
First Class Honour	Working Experience	React Developer
BSc Physics	Huawei | H.I.S. Travel	
University of Malaya	Stampede Design | Finexus Group	FINEXUS Sdn Bhd

Education

SPM	7A+, 2A, 1B+
STPM	CGPA 4.0
Degree	CGPA 3.90

Related Coursework in Degree

Logical thinking in science	A+
Numerical & Computational Method	A
Mathematical Method I & II	A+

Job Experience

Apr 2022 - Present │ 2 years

Software Engineer
Finexus Sdn Bhd

Face Liveness Verification
Designed and developed a secure, client-side face liveness verification system for web applications, effectively balancing robust security features with user-friendly functionality.

Electronic Signing
Created, designed and implemented two versions of an electronic signature application's front-end, including an SDK version and a fully-functional commercial web application complete with a dashboard, signing flow, and audit trail. It involves UI UX planning in which I draw the wireframe and interfactive prototype on Figma, up until coding it in Remix React framework.

FIDO2
I developed a React Native library for FIDO2 CTAP (Client to Authenticator Protocol), enabling communication between the app (client) and the platform authenticator. The code is written natively in both Java and Swift and then bridged to React Native. This library is designed with user-friendliness in mind, adhering to a specific payload structure. Additionally, I participated in the software architecture design to ensure seamles

integration into the company's product. Furthermore, I implemented the server-side library responsible for verifying responses from the FIDO2 CTAP in both NodeJS and Java. To facilitate ease of use and comprehension for developers utilizing the library and server-side code, I have written a 70-page documentation.

Digital Identity

Designed the product and software architecture including the encryption of private user data. Developed the end-user mobile app using SwiftUI, featuring FIDO2 authentication via iOS passkey, passport NFC scanning, and QR code scanning. Seamlessly integrated third-party libraries for identity verification. Created web apps for dashboards using the RemixJS framework and integrated them with the Open ID Connect (OIDC) authentication protocol.

Jun 2021 - Oct 2021 | 5 months

Design Apprentice
Stampede Design Sdn Bhd

Participate and facilitate in UX process, including Heuristic evaluation, UX workshop, empathy session, and design sprint.

Participate in user interview for prototype testing, evaluate user feedback and write a report of the results and analysis of the test.

Create interactive design prototype based on story boards made in design sprint.

Sep 2019 - Apr 2021 | 1 year 7 months

Assistant, Outbound Travel Consultant
H.I.S. Travel (Malaysia) Sdn Bhd

Consultant of everything related to Japan traveling, recommend a suitable travel package, train passes and other necessary equipment to walk-in customer.

Write copywriting for social media platform, design ad visuals for social media platform in both English & Chinese medium.

Developed a POS System Mobile App (using no code app builder) and inventory system to support company's new business after the pandemic.

Mar 2019 - Jul 2019 | 5 months

Network Design Engineer
Huawei Technologies (Malaysia) Sdn. Bhd

Create BOQ based on customer requirement and current situation of the base station site.
Create PO feedback based on BOQ made, reporting problem to customer for any untallied PO.
Assist project manager to solve issues in establishing a site.
Create sales order daily based on the received PO.

UI UX Designer (Intern)
FINEXUS Sdn Bhd

Design user flows, wireframes and UI designs based on user requirements.

Write documentation of the proposed UI UX.

Make amendment on the UI UX based on client's feedback.

The screens are designed for web and are in the field of mobile wallet.

All designs are made by using Adobe XD

Skills

Tech Stack

React · Remix · Javascript · Typescript · HTML5 · Docker · Portainer · AWS Lamda · AWS Dynamo DB · AWS API Gateway · SwiftUI · Figma · Fortran · Tailwind CSS

Certificate & Awards & Activity

Japanese Language Proficiency Test (N2)	Issued Jan 2022
Deans' Award of Faculty of Science	Semester 1-7
Hong Leong Foundation Scholarship	2015 - 2018
Close-up & Parlour Magician/Hobbyist	Since age of 9

This resume is designed by using Adobe XD without pre-made template.