

Albert Lucianto

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Experience

Software Engineer Intern

SAP Product and Innovation

Aug 2017 - Present

Singapore



Developed SAP's Mobile Development Kit (MDK) - a metadata-driven framework for rapid mobile development, built on top of NativeScript, SAP Cloud Platform SDK for iOS.

Worked on SAP Asset Manager - an enterprise application built using SAP MDK

About SAP MDK: blogs.sap.com/2017/05/24/sap-enterprise-app-modeler

Fullstack Engineer Intern

Sea Group (formerly Garena)

May 2017 - Aug 2017

Singapore



Developed Transify - a system where managers, developers, and translators administer the company's core products including Garena, Shopee, and Airpay for language translations.

Tools used: React Redux, Redux-Saga, ImmutableJS, Django REST, NGINX, uWSGI, MySQL

Web Developer Intern

Pinnacle Investment

May 2016 - July 2016

Jakarta, Indonesia



Designed and developed company's corporate website from scratch until deployment, with administrator access and content management capabilities using PHP.

Worked closely with company's Board of Directors for rebranding strategy - produced logo for the company's ETFs and carried out several design related projects.

Live on: pinnacleinvestment.co.id

Education

Nanyang Technological University

Bachelor of Engineering

CGPA 4.64/5.00

(Computer Science)

with Minor in Business

August 2015 - Present

Expected graduation: July 2019

Honors and Awards

- Dean's List AY 2015/2016 (Top 5% cohort)
- Bronze (2011) in International Mathematics Competition
- Silver (2014), Bronze (2012, 2013) in Indonesian National Science Olympiad in Mathematics
- 4th Runner Up (2009) in Global Art International Competition in Singapore
- Best of the Best (2009) in Global Art National Competition Indonesia

Projects

PINTU Web Apps

An initiative to migrate the organisation's biggest source of fund for 8 years in goal to improve administration, security, maintainability, performance, and usability; to serve as Indonesian students' data management in NTU

Live on: pintusingapura.org/app

Interactive Digital Book

NTU Undergraduate Research

Developed an app to create interactive book with voice, motion, and image recognition using Unity3D and media server on AWS.

Repo: github.com/albertlucianto/interactive-digital-book

3D SVG Builder

A mini Adobe Illustrator for 3D graphic asset editor built using Angular 5 and Electron.

Repo: github.com/albertlucianto/3d-svg-editor

Example result: albertlucianto.github.io/#/me

Indonesian Cultural Website

Designed and developed event website using VueJS and blog using AMP.

Project Chatbot

NTU Undergraduate Research

Developed automated answering system related to school information using TensorFlow and api.ai

Skills and Interests

Programming Language:

TypeScript, ES6/7, Python, Swift, C#, C++, Golang, SQL

Familiar with:

React, Angular 2+, VueJS, Redux Saga, RxJS, AMP, Apollo GraphQL, Django, Express, Flask, MeteorJS, NGINX, Unity3D, Adobe CC Suites, TensorFlow

Database System:

MySQL, MongoDB, Cassandra

Interests:

Web Development, Mobile Development, Data Science

Leaderships

Design Director - Corporate Communication

Nanyang Technological University Students' Union, 26th Management Committee

Led a team of 9 members executing more than 60 events publications including posters, banners, book, and product designs.

Received Union Gold Award - remarked as the most prestigious award presented to NTUSU committee, who have done above and beyond their line of duties and contributed significantly during the academic year.

Head of Yearbook Division

NTU Indonesian Students' Association, 14th Management Committee

Led a team of 5 to arrange phototaking of 70 students from 11 schools; to design and produce annual yearbook.

Sept 2016 - July 2017

Oct 2015 - Sept 2016