Albert Lucianto

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Experience

Software Engineer Intern
SAP Product and Innovation
Aug 2017 - Dec 2017
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

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

Indonesian Cultural Website
Designed and developed event website using VueJS and blog using AMP
Live on: icnmusical.com/lakonna

Project Chatbot
NTU Undergraduate Research
Developed automated answering system related to school information using TensorFlow and api.ai

Education

Nanyang Technological University
Bachelor of Engineering (Computer Science) with Minor in Business
CGPA 4.64/5.00

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

Skills and Interests

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

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

Database System:
MySQL, MongoDB

Interests:
Web Development, Mobile Development, Data Science

Leaderships

Design Director – Corporate Communication
Nanyang Technological University Students' Union, 26th Management Committee
Sept 2016 – July 2017

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
Oct 2015 – Sept 2016

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