

# Albert Lucianto

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## Experience

### Software Engineer Intern

SAP Product and Innovation

Aug 2017 - Present

Singapore



Worked on 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.

Helped building SAP Asset Manager - an enterprise application built using SAP MDK

About SAP MDK: [blogs.sap.com/2017/05/24/sap-enterprise-app-modeler](https://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](http://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](http://pintusingapura.org/app)

### 3D SVG Builder

A mini Adobe Illustrator for 3D graphic asset editor built using Angular 4 and Electron.

Example result: [albertlucianto.github.io/#/me](http://albertlucianto.github.io/#/me)

Repo: [github.com/albertlucianto/3d-svg-editor](https://github.com/albertlucianto/3d-svg-editor)

### Indonesian Cultural Website

Designed and developed event website and blog using Accelerated Mobile Pages.

### 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](https://github.com/albertlucianto/interactive-digital-book)

### Project Chatbot

NTU Undergraduate Research

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

## Skills and Interests

### Programming Language:

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

### Familiar with:

React and its ecosystems, VueJS, Angular, 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

Received Union Gold Award - 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.

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

Sept 2016 - July 2017

### 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.

Oct 2015 - Sept 2016