

Kai Yi Lee

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EXPERIENCE

STAFFANY PTE. LTD. | CHIEF PRODUCT OFFICER

Aug 2017 – Present | Singapore

- Led strategy of the core Scheduling and Time & Attendance platform from initial idea, finding product market fit, to scaling growth
- Managed cross-functional engineering, product and design team
- Led and executed on key product initiatives, involved in market research, customer research, user journey mapping and initial prototyping
- Championed process improvements like Scrum and Design Sprints
- Co-developed product integrations with strategic partners

STAFFANY PTE. LTD. | SOFTWARE ENGINEERING LEAD

Aug 2017 – May 2019 | Singapore

- Managed a team of software engineers and data engineers
- Led planning, coordination and delivery for multiple core product features, across Web, Mobile, and Backend platforms
- Helped architect and build Data Pipelines and Business Intelligence tools

UPGUARD, INC. | SOFTWARE ENGINEERING INTERN

June 2017 – Dec 2017 | Mountain View, CA

- Extended core feature **Procedures** using ReactJS and Ruby on Rails, increasing test coverage by 1.5x through RSpec and Jest
- Built Changes Microservice with ReactJS & Golang, communicating via NSQD

EDISON, INC. | SOFTWARE ENGINEERING INTERN

Jan 2017 – May 2017 | Cupertino, CA

- Built native login flow for core product **Email**, receiving 500,000 downloads
- Sieved out actionable anomalies via Apache Zeppelin which led to closed deals

EXCHANGEBUDDY | FRONTEND DEVELOPER

Sep 2016 – Dec 2016 | Singapore

- Prototyped and built a mobile friendly web app in ReactJS.
- Project was featured on local media **Zaobao**, and awarded a **grant from NUS**.

IQUII S.R.L. | ANDROID ENGINEERING INTERN

May 2016 – July 2016 | Rome, Italy

- Developed and tested Android applications **RunRace** and **Giveaway**
- Assisted in wireframing core features for Android applications

DSO NATIONAL LABORATORIES | ENGINEERING INTERN

Jan 2014 – Jun 2014 | Singapore

- Built a spectrum analyser app on Android through USB OTG to a dongle
- Executed internal market analysis of potential time and cost savings

NUS COMM. & NETWORKING LAB | UNDERGRAD RESEARCHER

Aug 2016 – Dec 2016 | Singapore

- Designed and executed a novel BLE wearable fall detection device

AWARDS

2017 College Professional Engineers Board Gold Medal
2014 College Global Engineering Program Scholarship

EDUCATION

NATIONAL U. OF SINGAPORE

B. ENG IN ELECTRICAL ENG.

NUS OVERSEAS COLLEGES, SV

Aug 2018 | Singapore

Hons (Highest Distinction)

STANFORD UNIVERSITY

CENTER FOR PROFESSIONAL DEV.

Dec 2017 | Stanford, CA

KTH ROYAL INSTITUTE

STUDENT EXCHANGE PROGRAM

Fin. Jun 2016 | Stockholm, SE

COURSEWORK

SOFTWARE ENGINEERING

Software Eng. for Digital Markets

Developing Mobile Applications

(Taken at KTH Royal Institute of Tech)

Software Engineering

COMPUTER SECURITY

Computer and Network Security

(Taken at Stanford University)

DEEP LEARNING

Intro to Fuzzy / Neural Systems

HARDWARE

Circuit and Systems Design Lab

Programming for Computer Interfaces

Computer Systems Architectures

SKILLS

Proficient:

Java • Android • Golang • Javascript
Ruby on Rails • CSS • HTML • React
NodeJS • Docker • Postgresql
React Native • Figma • Bigquery
Metabase • Mixpanel • SQL • NSQD
Google Cloud Platform • Firebase

Familiar:

Assembly • \LaTeX • C • C++ • Python
Matlab • Arduino • Circuit Design