

Kai Yi Lee

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EDUCATION

NATIONAL U. OF SINGAPORE
BENG IN ELECTRICAL ENGINEERING
Expected Aug 2018 | Singapore
NUS Overseas Colleges, Silicon Valley
CAP: 4.59 / 5.0

STANFORD UNIVERSITY
STANFORD CENTER FOR
PROFESSIONAL DEVELOPMENT
Expected Dec 2017 | Stanford, CA

KTH ROYAL INSTITUTE OF TECH
STUDENT EXCHANGE PROGRAM
Fin. Jun 2016 | Stockholm, SE

LINKS

Github:// [kaiyisg](#)
LinkedIn:// [kai-yi-lee-89988785](#)

COURSEWORK

SOFTWARE ENGINEERING
Software Product 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
Introduction to Fuzzy / Neural Systems

HARDWARE SYSTEMS
Programming for Computer Interfaces
Computer Systems Architectures
(Taken at KTH Royal Institute of Tech)

CIRCUITS & SIGNALS
Circuit and Systems Design Lab
Digital Fundamentals
Signals and Systems

SKILLS

Proficient:
Java • Android • Python • Javascript
Circuit Design • CSS • HTML • React
Familiar:
Assembly • Spark • \LaTeX
C • C++ • Matlab • Arduino

EXPERIENCE

EASILYDO INC. | SOFTWARE ENGINEERING INTERN
Expected Jan 2017 – Apr 2017 | Cupertino, CA

- Improved upon the login flow for the application Email on Android, with developed features deployed during the Feb 2017 product launch
- Worked on a natural language recognition feature for the application Email using neural networks in Tensorflow, and helped gather training and test data
- Helped to ensure quality of big datasets through flagging actionable anomalies

IQUII S.R.L. | ANDROID ENGINEERING INTERN
May 2016 – July 2016 | Rome, Italy

- Developed and tested the RESTful, MVP-tiered Android applications **RunRace** and **Giveaway**, keeping pace with the company roadmap
- Deployed the Android application Runrace in a tight 6 week deadline
- Assisted in wireframing core features for future Android applications

DSO NATIONAL LABORATORIES | ENGINEERING INTERN
Jan 2014 – Jun 2014 | Singapore

- Designed and built a pocket spectrum analyser with USB protocols linking to an Android Front-end
- Executed internal market analysis of the potential time and cost savings of the pocket spectrum analyser, and pitched the product to department heads

PROJECTS & RESEARCH

EXCHANGEBUDDY | FRONTEND DEVELOPER
Sep 2016 – Dec 2016 | Singapore
Designed and developed a web application to share content and connect with other students on international student exchange program. Project was featured on local media like **Zaobao**, endorsed by schools like the **Warsaw School of Economics** and awarded the **Innovation and Entrepreneurship Practicum Award** from the National University of Singapore.

NUS COMM. & NETWORKING LAB | UNDERGRADUATE RESEARCHER
Aug 2016 – Dec 2016 | Singapore
Worked with **Prof Mehul Motani** to build a wearable fall detection system to serve the aging population in Singapore. Gathered data required for fall detection through interfacing with BLE-enabled wearables.

AWARDS

2017	Top 8 Finalists	Treehacks 2017
2017	1 st	Best Overall Use of Microsoft Technology, Treehacks 2017
2016	3 rd	9 th STEPS, CS3216 category (ExchangeBuddy)
2015	College	NASA Exchange Scholarship
2014	College	Global Engineering Program Scholarship

ACTIVITIES

2015	Vice Chairperson	Sheares Hall Block Committee
2015	Director of Events	Global Engineering Program Committee
2015	Subject Head	Project Love Dalat (Overseas Community Project)