

GOH JUN YI, XAVIER



Hi! My name is Xavier!

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Resume: <https://xaviergoh.github.io/>

PERSONAL STATEMENT

An ambitious and dedicated individual, seeking an internship experience in the engineering/tech industry. I pursued Electrical Engineering to help realise a lifetime ambition of running a tech start-up. I am looking for an avenue to develop competencies and acquire knowledge required to run a successful start-up which I believe is available in a practical and fast-paced environment.

Possess excellent communication skills and have developed and maintained successful working relationships. Essentially, an optimistic and open-minded individual looking to achieve self-actualisation.

EDUCATION

[Ongoing] B.Eng. (Electrical Engineering)

National University of Singapore (NUS) 2016 – Current

GCSE A'Levels

Pioneer Junior College 2012 – 2014

GCSE O'Levels

Hillgrove Secondary School 2008 - 2011

KEY COMPETENCIES AND SKILLS

Image Editing (Adobe Photoshop)
Image Illustration (Adobe Illustrator)
Video Editing (Adobe Premiere Pro, Sony Vegas, MonkeyJam)
3D Design (AutoCAD, AutoDesk Fusion)

IT Skills (Microsoft Office applications)
Database Skills (Microsoft Access, NodeJS)

Software Programming (C, C++, Python, HTML, CSS, Java)
Hardware Programming (Verilog/VHDL, LCPXpresso, Arduino)

Basic Communication Skills
Basic Event Planning
Basic Project Management
Leadership Experience

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WORK EXPERIENCE

NUS Intern — JUNE 2017 to PRESENT

NUS EDIC Department

Responsibilities:

- Design Hospital Inventory Management System (LevelSense Project)
- Present (pitch/brief) idea/system to relevant parties
- Develop working prototype of product (Automatic sensors)
- Test and implement system (phasic)

Admissions & Marketing Team — MAR 2016 to AUG 2016

NUS BBA Undergraduate Office

Responsibilities:

- Proofread documents and publicity materials
- Respond to Q&A (Local/Overseas)
- Assist in hosting Welcome Teas/Master Classes
- Administer admissions/scholarship/programme applications
- Facilitate interviews & Assessment Centre

Contract Worker — FEB 2016 to MAY 2016

Marvellous Technology Pte Ltd

Responsibilities:

- Collaborate with a team to work on upgrading HST system at AMD, Austin TX
- Assist and document assembly processes at SilencerCo, Austin TX

Intern — 2016

Tapela Internationale LLC

Responsibilities:

- Procure logistics and items required for operations
- Write a script for educational video (Kinesiology Tapes)
- Source and contact prospective clients

Individual Business Owner (IBO) — MAR 2015 to SEP 2015

Amway Singapore

Responsibilities:

- Build business team and engage in direct selling of FMCGs

Home Tutor (English/Physics) — 2015

SCHOOL RELATED EXPERIENCE

Director of Clubs & Societies — APR 2017 to PRESENT

Residential College 4 (RC4), National University of Singapore (NUS)

Responsibilities:

- Student In-charge of all Interest Group (IG) related issues/events in RC4
- Student In-charge of the management/development of facilities in RC4
- Managing college funds (~\$15000)

Student Councillor & Facilitator/Planner — APR 2012 to DEC 2013

Pioneer Junior College

Responsibilities:

- IC/2IC/facilitator of school events
- Publicity materials for school events

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REFERENCES AVAILABLE

Dr Naviyn Prabhu Balakrishnan

Director of Student Affairs, Residential College 4

Dr Tang Kok Zuea

Professor, NUS EDIC Department

Dr Helen Chai

Asst. Dean, NUS BBA Office

Goh Yew Poh, Andy

Director, Marvellous Technology

Ehren Achee

CTO at SecuraShot LLC, Design Systems International (Previously from SilencerCo)

Jack Chay

Founder, Tapela Internationale LLC

PERSONAL DETAILS

I am inquisitive and am generally interested in most things (academic or otherwise). I am usually optimistic and open minded. I believe that change is important and will adapt to situations where necessary.

I am currently the Director of Clubs & Societies of RC4's College Student Committee (CSC). Aside from supporting college operations and helping to shape the college culture, I am also responsible for all Interest Group (IG) related matters as well as the development and maintenance of college facilities.

I am currently also the Head/Captain of the college's Table Tennis Interest Group and I have been overseeing training and sustainability matters since last year.

HOBBIES & INTERESTS

Although Engineering provides me with a hands-on experience that allows me to explore my creative freedom, I also find Philosophy intellectually stimulating and am interested to learn more about the disciplines of Psychology and Rhetoric.

I would also keep myself active by participating in various activities like sports and have also recently picked up dance. I am also keen on learning music and picking up languages and have attempted to pick up Piano and Japanese during my spare time. I also take immense joy in helping people and would occasionally volunteer, although I admit that I have not been proactively seeking out such opportunities.

These are the ways I attempt to develop myself holistically in pursuit of self-actualisation.

Thank you for having taken the time to look through my application.

*The information presented above is updated as of 05/04/2017. Only relevant experiences (deemed by myself) are listed in this CV.

APPENDIX A

COURSES TAKEN

AY 2016/2017 YEAR 1 SEMESTER 1

MA1505	MATHS I
CS1010E	PROGRAMMING METHODOLOGY
EG1111	ENGINEERING PRINCIPLES & PRACTICE I
GER1000	QUANTITATIVE REASONING
UTC1702A	THINKING IN SYSTEMS: ECOSYSTEMS & NATURAL RESOURCES

AY 2016/2017 YEAR 1 SEMESTER 2

MA1506	MATHS II
EE2020	DIGITAL FUNDAMENTALS
EG1112	ENGINEERING PRINCIPLES & PRACTICE II
UTW1001R	ORATORY AND THE PUBLIC MIND
CFG1010	PERSONAL AND INTERPERSONAL EFFECTIVENESS 1.0
EG2201A	DESIGN THINKING IN GRAND ENGINEERING CHALLENGES

AY 2016/2017 YEAR 1 SPECIAL TERM

EE2021	DEVICES & CIRCUITS
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AY 2017/2018 YEAR 2 SEMESTER 1

EE2023	SIGNALS & SYSTEMS
EE2024	PROGRAMMING FOR COMPUTER INTERFACES
EE2011	ENGINEERING ELECTROMAGNETICS
ES2331	COMMUNICATING ENGINEERING
EG2301	CASE STUDIES IN ENGINEERING
UTC2708	SINGAPORE — A SMART NATION IN CONTEXT

AY 2017/2018 YEAR 2 SEMESTER 2

EE2012	ANALYTICAL METHODS IN ECE
PC2232	PHYSICS FOR ELECTRICAL ENGINEERS
EE2025	POWER ELECTRONICS
EE2032	SIGNALS & COMMUNICATIONS
UTS2704	HARD TO SECURE EASY TO WASTE — SINGAPORE'S FOOD STORY
UTW2001Q	'WHAT'S IN A WORD?' MEANING ACROSS CULTURES