Yu Xi LIM

Degree: Bachelor of Computing (Honours) in Computer Science
Focus areas: Networking and Distributed Systems
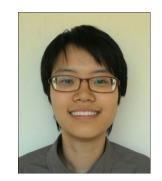Computer Security
University: National University of Singapore
(Expected completion: December 2019)

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Personal Statement

I believe in putting in my best efforts in the things I do, and I am willing to learn and add value to any team and organization that I am part of. I am passionate about cybersecurity, computer networks and digital forensics, and I hope to contribute my knowledge and experiences to your company.

I look forward to learning more about your company and sharing my aspirations and ideas with you.

Education

Aug 2016 - Present	**National University of Singapore (NUS)** Bachelor of Computing (Honours) in Computer Science Focus areas: Networking and Distributed Systems Computer Security *(Course details in Appendix A)*	Singapore
Jan 2018 - May 2018	Student Exchange Program: Arizona State University *(Course details in Appendix A)*	United States
Apr 2013 - Feb 2016	**Temasek Polytechnic (TP)** Diploma in Digital Forensics with Merit *(Course details in Appendix B)*	Singapore

Work Experience

Jan 2019 – June 2019	**MobileODT** *Quality Assurance Engineer (internship)* • Write test scripts • Conduct automation testing	Israel
Dec 2015 – July 2016	**Resolvo Systems Pte Ltd** *Security consultant (internship and full-time employment)* • Penetration testing • Web application development	Singapore
May 2015 – Dec 2015	**Temasek Polytechnic-IBM Security Operations Centre (SOC)** *Security analyst/Operations manager (internship)* • Monitor and respond to security threats	Singapore

Scholastic Achievements/Extracurricular Activities

Apr 2013 – Dec 2019	**Scholarship** IMDA IIS scholarship	Singapore
Apr 2013 – Feb 2016	Temasek Polytechnic scholarship	

May 2016	**Awards** RSA Course Silver Medal PCS Security Special Industry Prize ISACA Singapore Chapter Prize	Singapore
Jan 2019 - June 2019	**Special Programs** NUS Overseas College (NOC) Israel • Emphasis on technology entrepreneurship, startup idea and pitching	Israel
July 2017 - Jan 2018	**School Contributions** KE student residence Web team vice-head KE student residence Floorball vice-captain	Singapore
July 2016 - May 2017	KE student residence Web team head	
Apr 2015 - Feb 2015	Treasurer of ISACA Temasek Poly student chapter	

Certifications

2019 *(ongoing, expected completion Dec 2019)* 2016	**OSCP Certification** • Identify existing security vulnerabilities and execute organized attacks **Red hat certified system administrator** • Certified in performing the core system administration skills required in Red Hat Enterprise Linux 6 environments • Configured Linux servers to support FTP, HTTP, DNS, POP services **AccessData certified forensics examiner** • Certified in Forensic Toolkit (FTK) technology for data analysis and recovery **IT-DM-301S-1** • Certified in using SQL to create database structures and manipulate data	Singapore

Relevant projects

2019	**Karate-Gatling automated framework** • Created an automated testing framework for company's product testing using Karate-Gatling	Israel
2016	**Selenium automated framework platform** • Created an automated functional testing platform to assist in product testing using Selenium software	Singapore
2016	**Bittorrent forensics** • Constructed a BitTorrent investigation procedure • Designed and modified a BitTorrent client to automate the identification, collection, examination of evidences related to a BitTorrent forensics investigation	Singapore
2014	**Research with the central narcotics bureau (CNB Singapore)** • Analyzed database and security measures for instant messaging applications • Report and presentation of research findings to relevant officials	Singapore

Skill Sets & Proficiency

Office Productivity	Microsoft Word, PowerPoint	Proficient
	Microsoft Excel	Intermediate
Web	HTML, CSS	Proficient
	JSP technology	Intermediate
	PHP	Proficient
Database	MySQL DBMS	Proficient
	SQL	Proficient
Programming	Java	Proficient
	C++	Intermediate
	C#	Intermediate
	Python	Intermediate
	Shell Scripting	Intermediate
Scripting	JavaScript	Proficient
Server Management & Network	Server Setup/Maintenance	Intermediate
	Wireless Networking	Proficient
Security	Web security	Proficient
	Wireless Security	Proficient
Operating Systems	Linux	Proficient
	Windows 9x, 2000, XP	Proficient
	Unix/BSD	Basic
Non-technical Skills	Project Management	Basic
	Writing/Publications	Basic

Language Proficiency

Spoken	English – fluent; Mandarin – fluent
Written	English – competent; Chinese – competent

University: National University of Singapore
Degree: Bachelor of Computing (Honours) in Computer Science
Cumulative Average Point: 4.25 / 5.00

Year	Level	Course Description	Grades
NA	NA	Programming Methodology	EXE
NA	NA	Introduction to Information Security	EXE
NA	NA	Computing & Society	EXE
Aug – Dec 2014	Non-graduating student	Introductory Mathematics	A
Aug – Dec 2015	Non-graduating student	Data Structures and Algorithms I	B+
Aug – Dec 2016	Year 1/Semester 1	Data Structures and Algorithms II	B+
		Discrete Structures	S
		Calculus for computing	B+
		The search for life on other worlds	B+
		Quantitative reasoning	A
Jan – May 2017	Year 1/Semester 2	Computer Organization	B+
		Linear algebra I	A-
		Probability and statistics	B+
		Asking questions	CS
		Roots and wings – personal and interpersonal effectiveness 1.0	CS
Aug – Dec 2017	Year 2/Semester 1	Introduction to computer networks	B+
		Introduction to operating systems	A-
		English for academic purposes	B+
		General biology	B+
		Fundamentals of physics I	B+
		Independent software development project	CS
Aug – Dec 2018	Year 3/Semester 1	Computer Security	A-
		Software Engineering	A
		Effective Communication for Computing Professionals	B+
		Communicating in the Information Age	S
		Science Fiction and Philosophy	B+
Aug – Dec 2019	Year 4/Semester 1	Computer Security Practice	*Ongoing*
		Software Engineering Project	*Ongoing*
		Ethnicity and Nation-Building: Singapore and Malaysia	*Ongoing*

University: Arizona State University (Student Exchange Program)

Year	Level	Course Description	Grades
Jan – May 2018	Year 2/Semester 2	Introduction to theoretical computer science	B
		Design and analysis of algorithms	B
		Introductory chemistry	A
		Wireless networks	A
		Network administration with TCP/IP	A-

Grading Scale:

A+ & A (5.0); A- (4.5); B+ (4.0); B (3.5); B- (3.0); C+ (2.5); C (2.0); D+ (1.5); D (1.0); F (0)

S = Satisfactory; U = Unsatisfactory

CS = Completed Satisfactorily; CU = Completed Unsatisfactorily

EXE = Exempted

Tertiary Education: Temasek Polytechnic
Diploma: Digital Forensics with Merit
Cumulative Average Point: 3.89 / 4.00

Year	Level	Course Description	Grades
Apr – Sep 2013	Year 1/Semester 1	Effective Interpersonal Communication	B
		Computer Architecture	Distinction
		Data Communications and Networking	Distinction
		Human Computer Interaction	B+
		Problem Solving and Programming	A
		Introduction to Computing	Pass
		Computing Mathematics 1	Distinction
		Applied Principles for Effective Living 1	Pass
Oct – Feb 2014	Year 1/Semester 2	Information Literacy for Effective Communication	Distinction
		Introduction to Digital Forensics	A
		Database Information Systems	Distinction
		Object-Oriented Programming	A
		Data Structures and Algorithms	Distinction
		Computing Mathematics 2	Distinction
		Introduction to Sociology	B+
Apr – Sep 2014	Year 2/Semester 1	Enterprise Networking	Distinction
		Servers Administration and Security	A
		The Essentials of Persuasive Presentations	Distinction
		Digital File Systems	A
		Operating Systems	A
		Applied Principles for Effective Living 2	Pass
		Introduction to Psychology of Deviant Behavior	B+
		Contemporary Issues - Global Perspectives	B+
Oct – Feb 2015	Year 2/Semester 2	Introduction to OTC Medication	B+
		Criminal Procedure for Forensic Analysts	Distinction
		Secure Web Applications	A
		Communication in the Workplace	A
		Digital Media Forensics	A
		Network Security and Forensics	A
Apr – Sep 2015	Year 3/Semester 1	Investigation Methodology and Techniques	A
		Application Forensics	A
		Fraud Investigation and Audit	B+
		Applied Principles for Effective Living 3	Pass
Oct – Feb 2016	Year 3/Semester 2	Major Project	Distinction
		Student Internship Programme	Pass

TP Grading Scale:

Grade	Description	Grade	Grade	Description	Grade Point	Grade	Description	Grade
Distinction	Distinction	4.0	C	Good	2.0	Pass with Commendation	Pass with Commendation	N.A
A	Excellent	4.0	D+	Credit	1.5	Pass	Pass	N.A
B+	Very Good	3.5	D	Credit	1.0	Fail	Fail	N.A
B	Very Good	3.0	P	Non-Graded	1.0	XM	Absence approved by the Polytechnic	N.A
C+	Good	2.5	F	Fail	0			