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Personal Statement

A Computer Engineering undergraduate from the National University of Singapore, I am looking for a year-long internship program to further my full stack development skills in a dynamic and vibrant company. I hope that I can create value to the company with my skills and integrate with the team.

Previously, I have worked in a fast-paced time-sensitive environment, and I work well under pressure. Also, I pay attention to details in my work and ensure that every job is done to the required specifications. I value effective communication at work, and hence I would do my utmost to ensure that ideas and thoughts are communicated clearly and precisely with understanding before execution of tasks.

As for my weakness, I feel that sometimes I am too critical of my own work, and might feel that the work I have delivered would not be up to standards. I strive to achieve perfection and quality in the work done and hence might focus too much on the details instead. I am currently working on this so that I would not spend more time than necessary on the tasks at hand.

Prior to my admission to the university, I was studying at Anglo-Chinese Junior College for my pre-university education. After that, I was enlisted in the Republic of Singapore Navy for two years as an Administrative Specialist and a company trainer, where I created training plans and assisted with the training of new soldiers.

In January 2017 after my service, I worked as a transactional specialist in Arvato Digital Services, a global services company that provided support and managed contracts for Microsoft. I was taught how to use in-house customer relations management (CRM) tools to communicate with business partners, as well as skills on how to analyze large and important contracts with clients. The company was an Asia-Pacific hub, and hence I had a huge responsibility when vetting contracts as the contracts impacted businesses overseas as well. I took part in the quarterly closing in March as well as the annual closing in June 2017, where many major deals were closed with partners. My manager felt that I was learning fast enough to transfer me to another department to help out with the financial closing in June.

In university, I have been nominated to be a teaching assistant for two modules, CG1111: Engineering Principles and Practices I and CG2271: Real-time Operating Systems, as my professors felt that I had done well in the module, and I also had the passion to share my knowledge about the module with the newer batches of students. I was tasked to assist students with their weekly lab work, as well as mark lab reports and give timely feedback. I enjoyed teaching students as I felt that it was satisfying to see them understand new concepts and get interested in the modules.

Recently, I have also taken up a front-end development role in Mobbin, a start-up that has collections of design patterns to help designers with their design research. The start-up uses React for its front-end platform. I assisted in the creation of new front-end assets and implemented designs from our designer's specifications. I also assisted in the migration of data from the old to the new system. I enjoyed the process as I felt that it was very different from what I have learnt in school, that code I made impacted users and made their processes and workflows much smoother.

Personally, I enjoy challenges as I feel that it shapes me to be a better person, in terms of skills and personality. I also like to be out of my comfort zone and enjoy learning new things. I hope that through this internship, I can harness my true potential and skills to help companies that I work in the future.

Education

Aug 2017 - Present	National University of Singapore Bachelor of Computing (Honours) in Computer Engineering (Course details in Appendix A)	Singapore
Feb 2013 - Dec 2014	Anglo-Chinese Junior College Singapore-Cambridge General Certificate of Education Advanced Level	Singapore

Work Experience

Mar 2019 - Present	Mobbin <i>Software Engineering Intern</i> <ul style="list-style-type: none">Created front-end assets in React to designer's specificationsAssisted with the migration of data from the old codebase to the new codebase	Singapore
Aug 2018 - Present	National University of Singapore <i>Teaching Assistant for CG1111 and CG2271 (Refer to Appendix A)</i> <ul style="list-style-type: none">Assist students through weekly lab workMark lab reports biweekly, giving timely feedback for students.Conduct tutorial sessions to reinforce on concepts taught during lecture.	Singapore
Feb 2017 – Jul 2017	Arvato Digital Services <i>Transactional Specialist</i> <ul style="list-style-type: none">Handled large transactions for a major global technological company.Used Customer Relations Management tools and in-house management tools to communicate with clients and handle transactions.Took part in the annual closing in June 2017, to close many other major deals with partners.	Singapore

Scholastic Achievements/Extracurricular Activities

Feb 2019	2nd ASEAN-India Youth Summit Singapore Delegate <ul style="list-style-type: none">Participated in the 2nd ASEAN-India Youth Summit as a representative of Singapore.	India
Jan 2017 – Jul 2018	Singapore National Youth Chinese Orchestra Member <ul style="list-style-type: none">Performed in multiple concerts a year, including the annual concert 'Exuberance of Youth' series in July.	Singapore
Aug 2017 - present	NUS Rock Climbing Club Member <ul style="list-style-type: none">Programs Lead for the club's climbing camp held in September 2018.	Singapore
Jan 2014 – Dec 2014	Anglo-Chinese Junior College <ul style="list-style-type: none">Colours Award for leadership qualities.Head of Musical Affairs for the school's Chinese Orchestra	Singapore

Skill Sets & Proficiency

Multimedia	Adobe Photoshop	Proficient
	Adobe Lightroom	Intermediate
	Figma	Intermediate
	Adobe Illustrator	Basic
Web	HTML, CSS	Proficient
	Node.JS	Intermediate
	React.JS	Intermediate
	Express.JS	Intermediate
	PHP	Basic
Database	PostgresQL	Intermediate
	MongoDB	Intermediate
	SQL	Intermediate
Programming	C	Proficient
	C++	Proficient
	Python	Proficient
	Java	Proficient
Scripting	JavaScript	Proficient
Version Control	Git	Proficient
Hardware Design	Microcontroller Programming	Intermediate
	Verilog	Basic
	Circuit Design	Basic
Data Analytics	Pandas	Intermediate
	matplotlib	Intermediate
	Seaborn	Intermediate
Office Productivity	Microsoft Word, PowerPoint, Excel, Publisher	Proficient
Non-technical Skills	Project Management	Intermediate
	Software Documentation	Intermediate

Language Proficiency

Spoken	English – fluent; Chinese – fluent; Hindi – Basic
Written	English – fluent; Chinese – competent; Hindi – Basic

Additional Information

Activities and Interests	Rock Climbing, Diving, Kayaking, Swimming, Reading, Photography, Playing Board Games, Playing Strategy Computer Games, Designing Cards, Café Hopping, Reading Tech News
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Degree: Bachelor of Computing (Honours) in Computer Engineering
Cumulative Average Point: 4.35 / 5.00

Year	Level	Course Description	Grades
Aug – Nov 2017	Year 1/Semester 1	CS1010: Programming Methodology	A+
		CS1231: Discrete Structures	S
		CG1111: Engineering Principles and Practices I	A-
		MA1511: Engineering Calculus	S
		MA1512: Differential Equations for Engineering	A-
		GER1000: Quantitative Reasoning	S
Jan – May 2018	Year 1/Semester 2	CS2040C: Data Structures and Algorithms	A-
		CG1112: Engineering Principles and Practices II	A-
		EE2026: Digital Fundamentals	A-
		MA1508E: Linear Algebra for Engineering	B+
		GEQ1000: Asking Questions	S
Aug – Nov 2018	Year 2/Semester 1	CS2102: Database Systems	B+
		CS2113T: Software Engineering & Object-Oriented Programming	B+
		CG2271: Real-time Operating Systems	B+
		CS2101: Communications for Computing Professionals	A-
		GEH1047: Social and Cultural Studies Through Music	B+
		LAH1201: Hindi 1	A-
		CP2106: Independent Software Development Project (Orbital)	S
Jan – May 2019	Year 2/Semester 2	CG2023: Signals and Systems	In-progress
		CG2027: Transistor-level Digital Circuits	In-progress
		CG2028: Computer Organization	In-progress
		ST2334: Probability and Statistics	In-progress
		GES1010: Nation Building in Singapore	In-progress
		LAH2201: Hindi 2	In-progress

Projects

1. Hop Café App

Hop is a café finding application built in Swift for frontend and Express.JS for backend. It shows you the availability of popular amenities, as well as reviews from famous food bloggers.

2. Vincent to the Rescue

Vincent is an autonomous search and rescue robot. This robot was built to teach students about designing a complex computer engineering system, that facilitates information processing and features real-world interfacing.

3. JitHub - Personal Meeting Scheduler

JitHub is an application that saves your contacts and helps you schedule meetings through cross-checking the timetable of your group mates. JitHub was built in CS2113T Software Engineering module to teach students the principles of software engineering and Object-Oriented Programming in Java.

NUS 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; IC = Incomplete; IP = In Progress; W = Withdrawn