

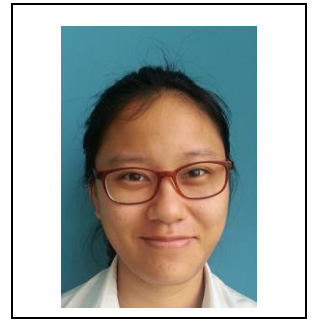
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Online Resume: <https://natania-d.github.io/online-resume/resume.html>

Personal Statement

About Me

I am a motivated and adaptable individual who likes creating beautiful and functional products. My interest lies in front-end engineering, but I am open to trying out any form of software engineering. Past projects include a task organizer that automatically prioritizes tasks based on their deadlines, and a Telegram bot that reminds users to mind their language. Additionally, I have a strong interest in design, with my past works including T-shirt designs for school events and yearbook design.

Work Experience

In the time between high school graduation and university, I worked 4 jobs at the same time. They all required different skills sets and juggling them simultaneously tested my multi-tasking abilities. My media runner job required good planning skills, as I had to visit many stores and planning my route well meant finishing my job as efficiently as possible. In this job, I also had to handle more than 30 USB drives that contained the promotional videos to be plugged in to a screen. Making sure that each drive contained the right videos in the right order demanded meticulousness.

In my job as an assistant instructor for bicycle-themed workshops, I interacted with attendees from a wide range of backgrounds, from working adults to troubled teenagers. Here, I learnt to communicate with different types of people. The company, called bikes4fun, is a small one, and I worked with the owners directly when conducting these workshops. Seeing as how my job was events-based, there were times when unexpected obstacles came up. To solve these problems, I had to be quick on my feet.

Hackathon Experience

In January 2018, I participated in a hackathon called Hack&Roll. My team decided to build a Telegram bot, though none of us had experience in building one. We ultimately decided on using Python and a Python API to develop our bot. As a non-Python developer, I had to pick up the language fast to contribute, on top of learning how to build a Telegram bot.

Strengths & Weaknesses

Being a flexible team player, I can step up to become a leader or let someone else take the lead, depending on the team I am placed in. In other words, I observe the team dynamics and take initiative whenever there is a need to. However, I am not the most charismatic leader.

My personal belief is that one should mainly work smart, but also work hard if needed. Thus, before starting on any task, I think of the desired outcome and work in a very focused manner towards that. However, when faced with a looming deadline, I prioritize completing the work over understanding the concepts or ideas behind the work.

Internship Objective

Working in a fast-paced and dynamic start-up, I hope to improve on my adaptability and multi-tasking skills. As a Computing student, I also want to improve on my technical skills. Lastly, I would like to experience the work culture in the United States, thus broadening my horizons.

How I Can Contribute

As a Computing student, I have experience in picking up languages and technologies in a short amount of time. Thus, I can quickly learn and adapt to the technology used by the company. My flexibility as team player also means I can work in most, if not all, teams.

Education

Aug 2016 - Present	National University of Singapore Bachelor of Computing (Honours) in Computer Science (Course details in Appendix A)	Singapore
Aug 2016 – May 2018	Tembusu Residential College University Town College Programme (UTCP) (Course details in Appendix A)	Singapore
Jan 2010 - Dec 2015	Dunman High School <ul style="list-style-type: none">Singapore-Cambridge General Certificate of Education Advanced Level	Singapore

Work Experience

May 2018 – July 2018	Rate Software Engineer <ul style="list-style-type: none">Improve the company's website and mobile application	Singapore
Jan 2016 – Oct 2016	Greenish Learning Centre Tutor <ul style="list-style-type: none">Taught Secondary 4 English (equivalent to 10th grade)	Singapore
Jan 2016 - Sep 2016	Self-employed Tutor <ul style="list-style-type: none">Taught Primary 6 Mathematics (equivalent to 6th grade)	Singapore
Feb 2016 - July 2016	Huttons Asia Telemarketer <ul style="list-style-type: none">Made cold calls to potential customers interested in selling, buying or renting their property	Singapore
Feb 2016 – July 2016	AudioSports Digital Media Runner <ul style="list-style-type: none">Updated promotional videos playing on screens in Samsung stores weekly	Singapore
Feb 2016 – July 2016	bikes4fun Assistant Instructor <ul style="list-style-type: none">Assisted in conducting workshops centered on bicycle-themed activities to promote analytical problem skills, group decision-making and creative thinking skills	Singapore

Extracurricular Activities

Mar 2018 - Present	Code for Community Project summary: A volunteer project that equips underprivileged children with coding skills	Singapore
Jan 2018 - Present	Tembusu College Yearbook Committee Designer	Singapore

Aug 2017 - Present	School of Computing Contributions <ul style="list-style-type: none"> • Member of NUS Computing Club Publicity Subcommittee • Member of NUS Computing Club Community Service Subcommittee • Freshmen Orientation Project T-shirt Designer 	Singapore
Jan 2018	Hack&Roll 2018 <i>Project summary:</i> A Telegram bot that reminds users of a group chat to mind their language	Singapore
Sep 2016 - Aug 2017	School of Computing Contributions <ul style="list-style-type: none"> • Director of Finance for NUS Computing Club • Member of NUS Computing Club Publicity Subcommittee • Freshmen Orientation Week T-shirt Designer 	Singapore
Jan 2014 - Dec 2015	Dunman High School <ul style="list-style-type: none"> • Member of Dunman High Theatre Arts 	Singapore

Skill Sets & Proficiency

Programming	Java Python	Proficient Basic
Web	HTML, CSS	Basic
Scripting	JavaScript	Basic
Markup	XML	Basic
Hardware Design	Arduino	Basic
Multimedia	Adobe Photoshop CS6 Adobe Illustrator CS6 Adobe InDesign CC 2018	Intermediate Intermediate Basic

Language Proficiency

Spoken	English – fluent; Mandarin – average; Indonesian – basic; Korean - basic
Written	English – competent; Chinese – competent; Korean - intermediate

Additional Information

Hobbies	Graphic design, GIF making
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Degree: Bachelor of Computing (Honours) in Computer Science
Cumulative Average Point: 4.46 / 5.00

Learning Objectives	Course Description	Grades
Computer Science Foundation	Programming Methodology	A
	Data Structures and Algorithms I	B+
	Data Structures and Algorithms II	B
	Discrete Structures	A-
	Computer Organization	B+
	Software Engineering #	In-progress
	Introduction to Computer Networks	In-progress
IT Professionalism	Computing and Society	A
	Effective Communication for Computing Professionals	In-progress
	Communicating in the Information Age	B+
Mathematics and Sciences	Calculus for Computing	A+
	Linear Algebra I	S
	General Biology	In-progress
General Education (Tembusu College)	Exploring Blogs as a Form of Communication	S
	Writing Women	CS
	Blood, Death and Desire, Interpreting the Vampire	S
	Negotiating in a Complex World	S
	Singapore as 'Model' City?	In-progress
General Education (NUS)	Quantitative Reasoning	A
Personal Development	Personal and Interpersonal Effectiveness 1.0	CS
Language	Korean 1	A+
	Korean 2	A-
	Korean 3	B+
	Korean for Academic Purposes	In-progress

The **Software Engineering Project** focuses on optimizing a given address book to a specific target user group or morphing the address book into a different product. The given address book's primary mode of input is Command Line Interface (CLI) and it manages people contacts. The application consists of mainly four components, namely the User Interface (UI), Logic, Model and Storage. The Logic component is the command executor while the Model component holds the data of the application in-memory. The Storage component reads data from and writes data to the hard disk. The application uses a Graphical User Interface (GUI). This is a project done in a team of 4 people. My team decided to morph the address book into a task manager that automatically prioritizes tasks according to the given deadline.

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