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## Personal Statement

### About Me

I am a data analyst, full stack web developer and also a student from the National University of Singapore. I am a strong believer of "Code to learn not learn to code". Learning ~~simply isn't simply~~ about regurgitating head knowledge about a certain subject ~~nor or~~ scoring well in tests. ~~It is but~~ the ability gained to add value and solve real world problems ~~with what you have learnt~~. ~~As such, I believe the best learning is through hands-on experience where one is given asked to find real solutions to real problems and tasked to find real solutions.~~ Data analytics is that way to optimize processes and create value through making informed decisions which is what makes analytics exciting. I wish to positively impact my society through creating value with technology and data analytics.

### Internship Objectives

~~An internship program would offer a fantastic opportunity to further my skills as a data analyst. Through the~~ From the ~~internship program, I hope to be~~ challenged and stretched in ways that results in personal and professional progress. I ~~also~~ wish to learn alongside ~~the co-founders or managers~~ others and be given the opportunity to take ownership of my work. Finally, I would also like to interact with and learn from my colleagues and learn more about their culture, form connections with them.

### Strengths and Weaknesses

I am a highly motivated individual and I give my 100% in everything I do. This is because I take ownership of whatever I am doing and believe that the results are within my control. This has shown true in my internship with Ship Supplies Direct, after I finished my assigned work in data analytics, I took the initiative to pick-up front-end development because it was a skill the company needed most at that point of time. I also decided to learn backend development to relieve the workload of my superiors so that they can focus more on the important aspects of the product. This allowed me to start managing projects and take on more responsibilities as an intern.

I am also problem solver. When I ~~stumble-encounter ainto~~ difficult problem, my mindset is to think of way to overcome and solve the problem. One of my tasks as a data analyst was to develop a comprehensive algorithm to predict delays in ship arrivals timing at Singapore ports and when deliveries should start. Unfamiliar with the marine time industry, I meet many difficulties in trying to develop an accurate algorithm. Despite countless failed iterations, I always thought of new ideas on how to improve the accuracy and sensitivity of my model. I was willing to do everything to improve, which included reaching to ports to interview staff about the berthing process and factors affecting delays and soliciting advice from knowledgeable logistic companies in the industry. Albeit it being unconventional, I decided to head down to a partner's headquarters to better understand their processes. I am a firm believe of 'DO', and I will put in my 100% to get to the end goal.

### Work Experience

Previously, I interned at Ship Supplies Direct, a small tech startup in the marine time industry doing logistics, as a data analyst and software developer. Interning at a startup though stressful and tiring, is a choice that I do not regret making. The fast pace work sprints have taught me how to prioritize work and has expose me to the different facets of computing beyond what I learn in the classroom. Developing applications is simple, but what is difficult is giving customers what they never knew they wanted, maintaining good relations with customer and managing expectations, time and resources, all of which I had the opportunity to handle during my internship experience. Also, through communicating and collaborating with my colleagues and superiors, I have learnt how to communicate clearly and concisely. I believe that this work experience has taught me valuable which will be relevant to companies I may work for in the future.

**Commented [MKCY1]:** Make this 1 page.

**Commented [MKCY2]:** This literally tells me nothing about you. Talk about some personal ambitions (not just the "positive impact") and goals, or why you have passion for data analytics.

**Commented [MKCY3]:** Can you google for examples on how to write this in a non-vague and strange way? Think about including one line on how they will benefit from you / hiring a Singaporean.

**Commented [MKCY4]:** In what way? Skills, knowledge, learning the best way to make coffee to give your bosses in the future?

**Commented [MKCY5]:** I don't see any weaknesses. Show how you overcome your weakness in the end.

**Commented [JS6R5]:** I have no weakness

**Commented [JS7R5]:**

**Formatted:** Font: Italic, Complex Script Font: Italic

**Commented [MKCY8]:** If you talk about this in "Strengths and Weaknesses" then why do you talk about it again here? I think you should just combine it OR in your Strengths and Weaknesses, talk about committee experience, or army experience etc.

**Commented [JS9R8]:** I need to talk about work experience here

**Commented [JS10R8]:**

### Skill Sets

The main area of my expertise is in Data Analytics (Descriptive, Prescriptive and Predictive Analytics) using R and Python. In addition, I can also do Data Visualization using Tableau to transform data into a more readable format to gain better insight and also Data Management on relational databases like MySQL and non-relational like MongoDB. I am also skilled in full stack web development (HTML, CSS and JavaScript), familiar with MERN stack. I also have knowledge in using Illustrator, Photoshop, InDesign and XD for design. I am fluent in spoken and written English and Chinese.

Commented [MKCY11]: Don't start a sentence with a conjunction.

Thank you for taking your time to read my personal statement and I look forward to working with you.

Commented [MKCY12]: Expression.

Thank you for taking your time to read my personal statement and I look forward to working with you.

Commented [MKCY13]: This paragraph don't need lah.

### Education

Aug 2018 - Present	<b>National University of Singapore</b> Bachelor of Science (Honours) in Business Analytics (Course details in Appendix A)	Singapore
Jan 2014 - Dec 2015	<b>Meridian Junior College</b> <ul style="list-style-type: none"><li>Singapore-Cambridge General Certificate of Education Advanced Level (86.75 / 90.00)</li><li>Subjects: Physics (A), Chemistry (A), Math (A), Economic (B)</li></ul>	Singapore

### Work Experience

Aug 2019 – Present (Part Time) May 2019 – Aug 2019 (Intern)	<b>Ship Supplies Direct</b> <i>Data Analyst / Software Developer Intern, Part Time</i> <ul style="list-style-type: none"><li>Analyzed vessel berthing timing and created a model to predict delay in vessel berth timing</li><li>Analyzed list of potential customers based on data (trip frequency/volume) to allow for more data driven decisions with dashboard visualization.</li><li>Teach computer vision model to identify and count items using CRNN model.</li><li>Developed responsive main website for company (shipsuppliesdirect.com)</li><li>Developed responsive landing page and web application for product - Simpfleet (simpfleet.com)</li><li>Developed job creation, dashboard, analytics, job scheduling and view details modules for Simpfleet</li><li>Developed a scheduling algorithm which find most efficient route of delivery (Referral from CEO in Appendix B)</li></ul>	Singapore
Jan 2016 – Nov 2017	<b>Singapore Armed Forces</b> <i>Pioneer and Vehicle In-Charge, 36 Singapore Combat Engineers (EOD)</i> <ul style="list-style-type: none"><li>Responsible for the deployment and maintenance of all vehicles</li><li>Managed nineteen men in my unit for daily operations.</li></ul>	Singapore

### Scholastic Achievements/Extracurricular Activities

May 2019 - Aug 2019	<b>Orbital 2019</b> Apollo 11 – Highest level award, Nominated Judge's Choice  <i>Project summary:</i> Fifty50 is a web application which allows for online polling of questions for quick thoughts and opinions. The combination	Singapore
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of flexible question type, clean user interface and smart analytics of results is our unique selling point. It is built on firebase and React framework.

*Link to the project:* [fifty50x.web.app](#)

*Link to code repository:* [github.com/justussoh/fifty50](#)

Aug 2018 - Present	<b>Tembusu College</b> <ul style="list-style-type: none"> <li>Member and represented Tembusu College for Floorball in ICG'18</li> <li>Member of Tembusu Climbing Club</li> <li>Co-leaders for Tembusu Christian Fellowship</li> </ul>	Singapore
Jan 2014 - Dec 2015	<b>Meridian Junior College</b> <ul style="list-style-type: none"> <li>Colors Award for leadership qualities</li> <li>Vice President for Orientation Committee</li> <li>Member of the MJC Entrepreneurship Club</li> </ul>	Singapore

## Skill Sets & Proficiency

<b>Office Productivity</b>	Microsoft Word, PowerPoint Microsoft Excel, Publisher	Proficient Intermediate
<b>Multimedia</b>	Adobe Illustrator CC 2018 Adobe Lightroom CC 2018 Adobe Photoshop CC 2018 Adobe Indesign CC 2018	Proficient Proficient Basic Basic
<b>Web</b>	HTML, CSS React Framework (JSX) Vue Framework	Proficient Proficient Intermediate
<b>Database</b>	MySQL DBMS MongoDB	Proficient Intermediate
<b>Programming</b>	Java Python R	Proficient Proficient Proficient
<b>Visualization</b>	Tableau Plot.ly Google Charts D3JS	Proficient Intermediate Proficient Basic
<b>Scripting</b>	JavaScript	Proficient
<b>Operating Systems</b>	Linux Windows 8,10	Basic Proficient
<b>Non-technical Skills</b>	Project Management Writing/Publications Photography Videography Communication and Presentation	Intermediate Intermediate Intermediate Intermediate Proficient

## Language Proficiency

**Commented [MKCY14]:** (gives Justus a look). In all honesty, I think your CV is too long. 4 Pages is 4 Pages lah.

**Commented [JS15R14]:** Oh its min and max 4 pages then can put relevant stuff at the back

**Commented [JS16R14]:**

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

## APPENDIX A

**Degree:** Bachelor of Science (Honours) in Business Analytics  
**Cumulative Average Point:** 4.42 / 5.00

Year	Level	Course Description	Grades
Aug – Nov 2018	Year 1/Semester 1	Programming Methodology	A-
		Introduction to Business Analytics	B+
		Calculus	S
		Quantitative Reasoning	S
		Junior Seminar: Crime and Punishment	CS
Jan – May 2019	Year 1/Semester 2	Decision Making Methods and Tools	A-
		Data Management and Visualization	A
		Programming Methodology II	B+
		Algorithmic Culture and its Discontents	S
		Linear Algebra I	S
		IS Innovation in Organizations and Society	A-
Aug – Nov 2019	Year 2/Semester 1	Independent Software Development Project	CS
		Data Structures and Algorithms	In-progress
		Application Systems Development for Business Analytics	In-progress
		Business and Technical Communication	In-progress
		Risk and Popular Culture	In-progress
		Senior Seminar: Biomedicine and Singapore Society	In-progress
		Career Catalyst	In-progress

# The **Software Engineering Project** focuses on designing and implementing a tool called a Static Program Analyzer (SPA). A SPA reads in a program written in SIMPLE and answers user's queries based on the input program. This allows the user to gain an understanding of the input program, which is especially useful when the input program is long and complex. This is a project done in a team of 6 people. This team is further sub-divided into 2 teams with 3 members each. The 2 teams would tackle 2 different areas, namely the Program Knowledge Base (PKB) and the Program Query Language (PQL). The PKB handles the parsing and storing of the input program into its data structures. Whereas, the PQL receive queries from the user and builds a query tree. The nodes from the query tree then query the PKB through a façade to retrieve the corresponding datasets in a leaf to root node traversal, performing cross-products or intersections along the way. The final result is then displayed to the user via a result projector using a Graphical User Interface (GUI).

**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

**APPENDIX B****Referral from Eric Chean, CEO of Ship Supplies Direct**

In the 3 months that Justus has been working together with the Ship Supplies Direct (SSD) team, he has exhibited very strong entrepreneurial traits, namely initiative, flexibility and curiosity.

For initiative, one of the most important traits that an entrepreneur must have, Justus always showcases it by how he would see a problem and automatically seek a solution for it before being told to do so. In a start-up like SSD, the management is often busy with their own executional tasks as well as having to be leaders of a team. As such, it can be time consuming when work done by other team members must be constantly reviewed and corrected or team members require significant guidance in solving problems. Very fortunately, Justus has always taken the initiative, leveraged his superior intellect and resourcefulness to find out how to resolve problems he discovered without requiring the attention of management, with his work very often being of a high quality.

For flexibility, Justus has proven himself to be very flexible and versatile in the roles he could take up. SSD has been very fortunate to have Justus working in our team because, while he joined us to become a Data Analyst, at various points in his time with us, he was an Operations Coordinator and Software Developer. Not only did he embrace these roles with a positive attitude, he proved to be able to adapt to the varied demands put upon him and significantly helped us move our company forward.

Lastly, for curiosity, although Justus has had very limited exposure to the maritime industry prior to joining SSD, he gladly used every opportunity to learn more about different aspects of the industry, beyond the confines of his role. He would enquire in great detail about various aspects of live operations and management decision making, taking every opportunity to expose himself to new concepts. This is also why he was able to quickly become productive in the varied roles he was tasked in.

I could spend more time listing out Justus's qualities but that would require more words than this application can bear. I would end this testimonial with a whole-hearted endorsement of Justus's entrepreneurial abilities and I am certain that be it within an organization or without, he would continue to be able to add significant value to the people whom he works with.

**ERIC CHEAN YUFEI**

**Chief Executive Officer (CEO)**

**Ship Supplies Direct Pte Ltd**

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Website: [www.shipsuppliesdirect.com](http://www.shipsuppliesdirect.com)

**Guidelines for Personal Statement/CV:**

1. Your personal statement should fill out the space on THIS ENTIRE PAGE. A half-written personal statement may raise suspicions that you do not know yourself well enough to be able to describe yourself confidently.

2. Your personal statement may be broken down into different subject headings such as: Internship Objectives, About Me, Strengths & Weaknesses, Work Experience, Unique Skill Sets, How Can I Contribute, etc.
3. The CV should not exceed 4 pages inclusive of the personal statement and the course/results compilation in the appendix. Reference letter(s) can be added at your discretion if available. (Consult the program/overseas manager if you are unsure.)
4. Every single year from junior college (aka high school) up till the present time (including National Service) should be fully accounted for.
5. Always be conscious of the fact that your CV will be read by a foreigner (e.g. a Swede) who is not attuned to our culture and our use of language.
6. Most abbreviations and acronyms are incomprehensible unless they are expanded and explained. As a general rule, you should provide the expanded forms of any abbreviations or acronyms used during their first appearances in your CV and then you may repeat their use in the rest of the document. Words such as 'Raffles Hall,' 'Energy Carta,' 'NUStyle,' 'People's Association Young Executive Committee' etc will need to be explained as foreigners will not be able to relate to them.
7. Before submitting your CV, go through it as many times as possible to check for formatting, spelling and grammatical errors. Submit your CV only when you are completely satisfied. NOC is not responsible to check or edit your CV.
8. You may make changes to the CV format at your discretion, but whatever changes you make should lead to a more improved and should be reader-friendly. It may have greater aesthetic appeal, but it must be functional too.
9. Submit your CV in word document (.doc) format. Ensure that the total file size (unzipped) inclusive of photo does not exceed 500KB.
10. Label your CV as follow: Christiannname\_Givenname\_Familyname\_CV.doc e.g. Wendy\_Bee\_Ling\_LIM\_CV.doc
11. Bear in mind that the CV is your marketing tool. It is a representation of who you are and it markets your potential as an internship candidate. The effectiveness of your CV decides if you will get an interview, let alone an offer.
12. The overseas managers of the respective colleges may offer further pointers and advice if any college-specific customization of CV should be needed. You should approach the respective program/overseas manager for further help if necessary.