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**Personal Statement**

Since my childhood, I have been an inquisitive and curious individual that is driven by my passion to learn. My incessant tinkering with toys and gadgets eventually led to my interest in technology and decision to pursue a degree in computing. I aspire to contribute to the further proliferation of technology in our daily lives and aim to continue to hone my skills as a developer in order to do so. Through this internship opportunity, I strive to further improve my existing capabilities and to pick up new technical and nontechnical skills. I also look forward to contributing my fullest not only to the job, but also to the culture and daily lives of the company.

During my education in the National University of Singapore (NUS), I had taken many technical courses and projects that had equipped me with the essential skills needed to undertake the tasks of a developer. I created an enterprise application backend connected to a MySQL database for a hotel reservation system using technologies from Java EE such as Enterprise JavaBeans (EJB) and Java Persistence API (JPA). This application supports essential CRUD functions, process crucial business logic and third-party remote clients can access it via SOAP web services. I am also familiar with database querying languages like SQL and JPQL. Currently, I am learning to build frontend web and mobile clients using Java based frameworks such as JSP and JSF, as well as JavaScript based framework like Angular and Ionic. I had also participated in a NUS based hackathon called Hack & Roll, where my team and I prototyped a tool that helped residents of Tembusu College, a residential college in NUS, keep track of available washing machines and inform them when their laundry is done washing. I am confident that I will be a useful addition to the team no matter which part of the development stack I am deployed at.

In addition to my technical skillset, I can manage time well and juggle multiple roles at once. I am actively involved in the NUS community, where I was part of the planning and execution of multiple projects such as an overseas expedition, open days and welcome camps. I am also a member of many NUS student clubs such as the Japanese Music Club and NUS Archery. I can communicate effectively in both verbal and nonverbal means. In a part time job as an academic conference assistant as well as when I was serving as an administrative support staff in the Singapore Army, I had to liaise and communicate with multiple parties both within the organizations and with the public. These experiences had sharpened my verbal and nonverbal communication skills and helped me adopt a more customer centric mindset. As a versatile and adaptable individual, I can adopt the multiple different role as expected of a startup employee and will be a great fit in a dynamic and everchanging startup environment.

Beyond work, I have a wide variety of interests in areas such as food and cooking, playing with community cats, walking in the nature as well as engaging in discussion about various current affairs with others. I enjoy listening to differing viewpoints and learning more about the way others think and process information. I value diversity in life and believe that there is always something to be gained from exchanging ideas, opinions and feelings with others.

Through this internship opportunity, I aim to polish and upgrade my own skillset, and contribute towards the company's successes. I am ready to learn any skills needed to accomplish the job and am prepared to take on the multifaceted work scope that a startup staff is expected to face. I am confident that I will be a valuable team member and look forward to working together with a team of passionate members.

## Education

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|---------------------|--|-----------|
| Aug 2017 - Present  | <b>National University of Singapore</b><br>Bachelor of Computing (Honours) in Information Systems <ul style="list-style-type: none"><li>Enrolled in University Town College Program in Tembusu College*<br/>(Course details in Appendix A)</li></ul> | Singapore |
| Jan 2013 - Dec 2014 | <b>Victoria Junior College</b> <ul style="list-style-type: none"><li>Singapore-Cambridge General Certificate of Education Advanced Level</li><li>Subjects: Chemistry (A), Biology (A), Math (A), Economics (B)</li></ul>                             | Singapore |

## Work Experience

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|---------------------|---|-----------|
| Jul 2018 – Aug 2018 | <b>East Asia Research Private Limited</b><br><i>Academic Conference Assistant</i> <ul style="list-style-type: none"><li>East Asia Research is a events company that specializes in organizing academic conferences with international speakers in Singapore</li><li>Responsible for the coordination and setting up of various academic conferences.</li><li>Involved in the coordination of 3 academic conferences</li><li>Heavily involved in customer and guest facing communications</li></ul>  | Singapore |
| Jul 2015 - Jul 2017 | <b>Singapore Armed Forces</b><br><i>Manpower/Human Resource Admin Support Assistant</i> <ul style="list-style-type: none"><li>Attained the rank of Corporal in the Singapore Army</li><li>Responsible for the liaisons and communications between different divisions and departments in the Army to ensure that the Infantry division has enough manpower for operations.</li><li>Streamlined and digitalize multiple work processes by incorporating MS Excel into them</li><li>Managed and manipulated large MS Excel spreadsheets and formulas to keep track of manpower movements in the Infantry division.</li><li>Involved in organizing multiple cohesion activities for the department</li><li>Day to day job scope also involves extensive public facing communications</li></ul> | Singapore |

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\* The University Town College Program (UTCP) is a residential program that focuses on seminar style multidisciplinary learning. Through its multidisciplinary curriculum, the UTCP helps students develop effective communications and strong writing skills, critical thinking skills, and intellectual breadth and rigor to tackle the complex, inter-related challenges confronting the world today

## Scholastic Achievements/Extracurricular Activities

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|---------------------|--|-----------|
|                     | <b>National University of Singapore (NUS)</b>  | Singapore |
| Jan 2018            | <ul style="list-style-type: none"><li>• Participation in Hackathon: Hack &amp; Roll 2018<ul style="list-style-type: none"><li>- Assisted in creating a prototype of a telegram bot that informs residents of Tembusu College when their laundry is done.</li></ul></li></ul>   |           |
| Jan 2018 - Aug 2018 | <ul style="list-style-type: none"><li>• Treasurer of Tembusu College Coffeehouse<ul style="list-style-type: none"><li>- Coffeehouse is a profit generating interest group in Tembusu College, NUS, that sells coffee as a business.</li><li>- Responsible for keeping track of Coffeehouse's finances and making financial decisions.</li></ul></li></ul>  |           |
| Aug 2017 - Aug 2018 | <ul style="list-style-type: none"><li>• Performance Manager of NUS Japanese Music Club (JMC)<ul style="list-style-type: none"><li>- In charge of liaisons with various performance organizers to negotiate and schedule performance slots for JMC.</li><li>- Responsible for technical and equipment requirements behind JMC performances.</li></ul></li><li>• Other Activities in NUS<ul style="list-style-type: none"><li>- Member of NUS Archery</li><li>- Member of NUS Odoro!! (Japanese popular dance cover group)</li></ul></li></ul> |           |
|                     | <b>Victoria Junior College</b>   | Singapore |
| Apr 2013 - Apr 2014 | <ul style="list-style-type: none"><li>• President of Audio/Visual Crew</li></ul>   |           |
| Jan 2014 - Dec 2014 | <ul style="list-style-type: none"><li>• Edusave Award for Achievement Good Leadership and Service</li></ul>  |           |
| Jan 2014 - Dec 2014 | <ul style="list-style-type: none"><li>• Edusave Scholarship</li></ul>  |           |
| Jan 2013 - Dec 2013 | <ul style="list-style-type: none"><li>• National Top Scorer of International Competition and Assessments for Schools (ICAS) (Science)</li></ul>  |           |

## Skill Sets & Proficiency

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| <b>Programming</b>         | Java SE / Java EE<br>C<br>Python 3                                     | Proficient<br>Intermediate<br>Basic              |
| <b>Web</b>                 | HTML<br>CSS<br>JSF with PrimeFaces Component Suite<br>Angular<br>Ionic | Intermediate<br>Basic<br>Basic<br>Basic<br>Basic |
| <b>Database</b>            | SQL<br>JPQL  | Proficient<br>Intermediate                       |
| <b>Scripting</b>           | JavaScript / TypeScript  | Basic  |
| <b>Office Productivity</b> | Microsoft Word, PowerPoint<br>Microsoft Excel                          | Proficient<br>Intermediate                       |

## Language Proficiency

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|----------------|---|
| <b>Spoken</b>  | English – fluent; Mandarin – fluent, Hokkien – conversational, Japanese – basic |
| <b>Written</b> | English – competent; Chinese – average, Japanese – basic                        |

## Additional Information

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| Interests | I enjoy cooking and experimenting in the kitchen in my free time |
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**Degree:** Bachelor of Computing (Honours) in Information Systems  
**Cumulative Average Point:** 4.73 / 5.00

| Course Type                           | Course Description  | Grades      |
|---------------------------------------|---|-------------|
| <b>Technical</b>                      | Programming Methodology   | A           |
|                                       | Data Structures and Algorithms  | A+          |
|                                       | Computer Organisation   | A-          |
|                                       | Enterprise Systems Architecture and Design #                              | A           |
|                                       | Enterprise Systems Server-side Design and Development %                   | A+          |
|                                       | Enterprise Systems Interface Design and Development *                     | In-progress |
|                                       | Database Systems  | In-progress |
| <b>Communication Skills</b>           | Business and Technical Communication                                      | In-progress |
| <b>Mathematics</b>                    | Introductory Mathematics  | S           |
|                                       | Calculus with Applications  | A-          |
|                                       | Discrete Structures   | A-          |
|                                       | Quantitative Reasoning  | A-          |
|                                       | Probability and Statistics  | In-progress |
| <b>Socio-Technology</b>               | Information Systems Innovations in Organizations and Society              | A+          |
|                                       | Jr Sem Special Topics: Humanising Technology                              | CS          |
|                                       | The Online Politician: The Use of Social Media in Political Communication | A-          |
|                                       | Senior Seminar: Technology and the Fate of Knowledge                      | In-progress |
| <b>Humanities and Social Sciences</b> | Introduction to Japanese Studies  | A+          |
|                                       | Gender and Sexuality in Japan   | A-          |
|                                       | Intelligence and Singapore Society  | A-          |
|                                       | 'What's in a Word?' Meaning Across Cultures                               | A           |
|                                       | Itadakimasu - Food in Japan   | In-progress |
| <b>Business</b>                       | Accounting for Decision Makers  | A-          |

# **Enterprise Systems Architecture and Design** focuses on identifying and analyzing requirements for the development of an information system. This module teaches Business Requirements Analysis, particularly, the process of requirements elicitation, analyses, documentation, and communication. This module also teaches transition from business requirement analysis to design, UML (Unified Modelling Language) and Use Case Modelling.

% **Enterprise Systems Server-side Design and Development** focuses on the development of an enterprise application backend using the Java Enterprise Edition (Java EE) specifications. Students are grouped into pairs, which will together develop a command line interface (CLI) application that runs on a Java EE backend, utilizing key Java EE technologies such as Enterprise Java Beans (EJB), Java Transaction API (JTA) and Java Persistence API (JPA).

\* **Enterprise Systems Interface Design and Development** builds upon Enterprise Systems Server-side Design and Development and focuses on frontend web application and hybrid mobile application. Students are grouped into teams of 4, which will then develop a complete application with a Java EE backend, and 2 frontend clients using either JSF and JSP technologies, Angular framework or Ionic framework.

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#### 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