

Chen Caijie

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Personal Statement

I am a meticulous workaholic with extensive experience doing front-end software development. I am a resourceful worker who survives well independently, requiring minimal guidance when navigating uncharted waters.

About Me

I studied at Hwa Chong Junior College for my high school years (2013-2014). Following that, I had to serve mandatory National Service from February 2015 to December 2016 in the Republic of Singapore Navy before finally entering university in the fall of 2017. Currently, I am in the second year of my studies at the National University of Singapore (NUS) as a Computer Science major.

I work really well independently. Over the summer of my first year, I took up Orbital, an independent software development project organised by my school. It was supposed to be a two-man team, but my friend gave up midway because he found it to be too difficult. However, I persevered on, eventually achieving the highest level of achievement possible for the project: Apollo 11. This was in Year One of my studies and back then my only coding experience was from a module that taught us how to write less than a hundred lines of code in C. Over the course of the project, I read up extensively on application development using React Native and figured out my way through Javascript, Node JS, Google Cloud Firestore all by myself.

I discovered my passion for software development through the project and joined the Dateldeas team during winter 2018. Dateldeas is a budding Singapore startup recently founded by one of my seniors in NUS. I was in charge of doing front-end web development for their website revamp. This required working closely with the designer and the back-end developer. The startup's tech team only consisted of the back-end developer and me. The challenge was that the existing developer had written all the front-end code in Pug and VueJS, both of which I was unfamiliar with. Fortunately, I managed to pick these skills up quickly in about a week and slowly worked myself into the workflow.

Internship Objectives

I am looking for an opportunity to hone my technical skillsets and hopefully pick up more skillsets along the way. I am also looking to further refine my problem-solving skills as well as develop social skills in the business setting.

How I Can Contribute

I am a fast learner, willing to constantly adapt to a fast-paced or constantly changing work environment. With reference to my contributions to Dateldeas, I can do the same for your company.

I am comfortable taking up any job that requires technical skills, whether it is for the front-end or the back-end. While I may be unfamiliar with back-end development, I am willing to learn.

There is much more about me that I am willing to offer. I will gladly meet to discuss and align our objectives.

Education

Aug 2017 - Present	National University of Singapore Bachelor of Computing (Honours) in Computer Science (Course details in Appendix A)	Singapore
Jun 2018 - Aug 2018	Orbital: School of Computing Independent Software Development Project Apollo 11 (Highest Achievement) (Course details in Appendix A)	Singapore
Jan 2013 - Dec 2014	Hwa Chong Junior College <ul style="list-style-type: none">Singapore-Cambridge General Certificate of Education Advanced Level	Singapore

Work Experience

Dec 2018 - Present	DatIdeas SG - Startup <i>Front-end Software Engineer</i> <ul style="list-style-type: none">Implemented the entire front-end for website revampWorked with designer to implement website designWorked with backend engineer for server endpoints https://dideas.netlify.com/	Singapore
Jan 2017 - Jun 2018	Certis Cisco Security Pte Ltd <i>Auxiliary Police Officer</i>	Singapore

Scholastic Achievements/Extracurricular Activities

Jan 2018 - Present	NUS Voices <i>Mandopop Band</i> <ul style="list-style-type: none">Vocalist	Singapore
Sep 2017 - Present	NUS Resonance <i>Acapella Group</i> <ul style="list-style-type: none">Vocal PercussionistTenor	Singapore
May 2013 - May 2014	Beyond Social Services <ul style="list-style-type: none">Volunteer for Community Service	Singapore

Skill Sets & Proficiency

Office Productivity	Microsoft Word, PowerPoint Apple Pages, Keynote Google Slides, Docs Microsoft Excel	Proficient Proficient Proficient Intermediate
Application Development	React Native	Intermediate
Web	HTML, CSS, Pug, VueJS, SCSS NodeJS	Proficient Intermediate
Database	Google Cloud Firestore Firebase Postgres	Intermediate Intermediate Basic
Programming	Java, C, Javascript Swift	Proficient Basic
Markup	AsciiDoc, Markdown	Intermediate
Operating Systems	Windows, MacOS Ubuntu	Proficient Intermediate

Language Proficiency

Spoken

English – fluent; Mandarin – fluent; French - basic

Written

English – competent; Chinese – competent; French - basic

Additional Information

Other activities/interests

Studio recording, music mixing, swimming

Degree: Bachelor of Computing (Honours) in Computer Engineering
Cumulative Average Point: 4.36 / 5.00

Year	Level	Course Description	Grades
Aug – Nov 2017	Year 1/Semester 1	Programming Methodology	B+
		Discrete Structures	S
		Calculus for Computing	B+
		Linear Algebra I	B+
		Quantitative Reasoning	S
Jan – May 2011	Year 1/Semester 2	Programming Methodology II	A-
		Information Systems Innovations in Organisations and Society	A-
		Probability and Statistics	A
		Communicating in the Information Age	A-
		Logic	A+
Aug – Nov 2011	Year 2/Semester 1	Data Structures and Algorithms	B+
		Computer Organisation	B
		Introduction to Computer Networks	A
		Asking Questions	CS
		Who moved my OB markers?	S
		Independent Software Development Project #	CS
Jan – May 2012	Year 2/Semester 2	Software Engineering	In-progress
		Effective Communication for Computing Professionals	In-progress
		Introduction to Operating Systems	In-progress
		Design and Analysis of Algorithms	In-progress
		Social and Cultural Studies through Music	In-progress
		French 1	In-progress

The **Software Development Project** is the School of Computing's 1st year summer self-directed, independent work course. This programme gives students the opportunity to pick up software development skills on their own, using sources on the web. My project was titled PlenR, a calendar application that doubles up as a meeting coordinator. For more information please visit the following links:

README: <https://docs.google.com/document/d/1hsi0KwZNUPZ5mXO1-6n9KWe11NvawvCadKuSQ9wIzQ>

Video Demonstration: https://drive.google.com/file/d/1sxSO-X_pAk-7OPfQ7fVQjXIlwP1H_Zbe/view?usp=drivesdk

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