

## Chen Caijie

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### Personal Statement

I am a meticulous workaholic with 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 consider myself an independent and fast learner. Over the summer of my first year, I took up Orbital, an independent software development project organised by my school, NUS School of Computing. 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. As a Year 1 Computer Science Undergraduate, 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 Datelideas team during winter 2018. Datelideas 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 Vue.js, both of which I was unfamiliar with. Fortunately, I managed to pick up these skills quickly in about a week and slowly eased myself into the workflow.

#### Internship Objectives

I am looking for an opportunity to hone my technical skillsets and gain more exposure to the industry. I hope to engage with Agile and Scrum to learn more about the workflow of a front-end developer. 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 quick learner, willing to constantly adapt to a fast-paced or constantly-changing work environment. With reference to my contributions to Datelideas, 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

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Aug 2017 - Present	<b>National University of Singapore</b> 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	<b>Hwa Chong Junior College</b> <ul style="list-style-type: none"><li>Singapore-Cambridge General Certificate of Education Advanced Level</li></ul>	Singapore

## Work Experience

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Dec 2018 - Present	<b>DateIdeas SG - Startup</b> <i>Front-end Software Engineer</i> <ul style="list-style-type: none"><li>Implemented the entire front-end for website revamp</li><li>Provided input to designer for better user experience</li><li>Submitted bug reports and feedback for back-end server</li><li>Provided weekly progress updates</li><li>Presented feature descriptions for monthly team meeting</li></ul> <a href="https://dateideassg.com">https://dateideassg.com</a>	Singapore
Jan 2017 - Jun 2018	<b>Certis Cisco Security Pte Ltd</b> <i>Auxiliary Police Officer</i>	Singapore

## Extracurricular Activities

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

## Skill Sets & Proficiency

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<b>Office Productivity</b>	Microsoft Word, PowerPoint Apple Pages, Keynote Google Slides, Docs Microsoft Excel	Proficient Proficient Proficient Intermediate
<b>Application Development</b>	React Native	Intermediate
<b>Web</b>	HTML, CSS, Pug, Vue.js, SCSS Node.js	Proficient Intermediate
<b>Database</b>	Google Cloud Firestore Firebase Postgres	Intermediate Intermediate Basic
<b>Programming</b>	Java, C, Javascript Swift	Proficient Basic
<b>Markup</b>	AsciiDoc, Markdown	Intermediate

**Operating Systems**

Windows, MacOS  
Ubuntu

Proficient  
Intermediate

**Language Proficiency**

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**Spoken**

English – fluent; Mandarin – fluent; French - basic

**Written**

English – competent; Chinese – competent; French - basic

**Additional Information**

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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](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