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## Personal Statement

Growth is my main motivator for all actions. I am a person who values stepping outside of my comfort zone and doing things that catalyzes change in my character. Education earns you a living, but personal development earns you a lifetime, thus, I put emphasis in character growth more than technical skills. Soon, I discovered that people are an organization's most valuable asset. Ultimately, I would rather be in a failing company with good partners than a successful company with bad partners, because the trends will be reversed depending on how decisions are made. Mindsets, belief, decision-making and tenacity are more important than the million-dollar idea, because it makes us biased to action and neutral to failure. With consistent action, the time will come when circumstances line up so perfectly that success and wealth come consequently.

I Co-founded EzCompostr because I believe in knowledge as a springboard for change and technology as the vehicle to our vision. EzCompostr aims to simplify and redefine how society views food waste with a software application to encourage and motivate households to repurpose their food waste together. We have hosted webinars and posted educational content as part of our marketing efforts and we have even been contacted by **Money FM (local radio station)** to speak more about it! We are still in the pre-seed stage but we are gaining a lot of momentum through our wins and fundings from various organizations such as **National Youth Council (Government)** and **NUS Enterprise (University)**. Other noteworthy achievements include being **top 6 in the Hult Prize Taipei Regional Summit**, represented in **Universitas 21 Rise Showcase 2022** after being shortlisted. It was certainly not easy trying to learn different skills from scratch especially pitching, networking, marketing, validating, etc. but it was most enjoyable. I love being in the startup scene and I can see myself working long term in it.

## Internship Objectives and How I can Contribute

I want to be able to learn about how companies organize themselves, especially those in the western world because the economy is structured around free markets. Thus, learning more about innovation strategies and long-term decision making. This will be good for my startup because Singapore is a bubble with limited perspectives and a lot of government support. I want to learn more about team dynamics of different cultures, especially that of a tech company as I aspire to elevate my startup to incorporate deep technology.

I believe that I have a lot to offer and still a lot of room to grow. With a high level of self-awareness, I am able reflect on myself and grow as a leader in any company. My inclination towards people allows me to be more understanding of people's temperament and their work styles. I am the type of person who coaches and guides. My technical skills in technology speaks for itself in my CV and I am willing and excited to learn more about the different types of technology beyond what I am used to in a company that is always innovating.

## Education

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### National University of Singapore (NUS) – Year 2

Aug 2021 – Present

*Bachelor of Computing (Computer Science) GPA: 4.44 / 5*

- Teaching Assistant – Programming Methodology 1
- [VIP award recipient](#)
- Notable Courses – Object-oriented and Functional Programming, Software Engineering, Database Systems, Computer Networks, Technical Management and Leadership
- Clubs – Project Director in Social Impact Catalyst, Insight Writer in Global Research Consulting, Raffles Hall

### University of California, Berkeley

May 2022 – July 2022

*Summer Exchange*

*(Course details in Appendix A)*

### Saint Andrew's Junior College

Jan 2017 – Dec 2018

*Singapore-Cambridge General Certificate of Education Advanced Level: 88.75 / 90*

- Founding Member of Handball Club - sourced for a coach and got the school to certify the club, competed in National Youth Handball League 2018.
- Jacob Ballas Scholars' Award

## Work Experience

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### [EzCompostr](#) – Co-Founder

Dec 2021 – Present

*Start-up Business Summary:* We aim to simplify and redefine how society views food waste with a software application to encourage and motivate households to repurpose their food waste together.

- [Software](#) - Conducting market validation and designing a centralized marketplace platform for businesses and consumers. Working with Freelancers to build a mobile application on Flutter and Dart.
- Hardware - Designing a 3D-printed compost bin on Fusion360. From our research this compact, sealed bin can solve 1 of 3 main pain points, odor.
- Hosted webinars and workshops with over 270+ sign ups and 150+ participants in total on waste management and entrepreneurship, connecting experts with enthusiasts. This solves the remaining pain points, lack of knowledge and difficulty.

### EzGreen – Co-Founder

*EzCompostr Branch Summary:* Designing and developing a gamified social platform for enthusiasts and environmentally conscious individuals.

- Market research of 70 shows that puzzles and party games will be the most appealing to the targeted demographics.
- Designing mini games on Unity with a senior Game Developer and a Game Advisor.

### Koios – Frontend Engineer

Sep 2022 – Present

*Part-time*

- Agile Workflow – Bug Testing and Fixing on the application with ReactJS and NestJS.
- New feature implementation – Make-up classes (In-progress)

## Activities and Projects

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### Developers Club – Raffles Hall

Aug 2021 – Present

- Converted a SQL to a No-SQL database using MongoDB and Flask.
- Improved query time by reordering indexes. Overall improvement speed-up of web application about 10% through changes in the database.
- Administrated and ran a Hackathon

## Software Developer – I'm Friendly Co.

July 2022 – Sep 2022

- Frontend developer – Reworked various components with padding and margins to make the UI and UX more visually appealing. Integrated Google analytics. Did sprints of 1 week increments before [web publication](#) in September.

## Hall Administrator – Raffles Hall Leader

Aug 2021 – Apr 2022

- Managing a team with 3 main responsibilities – Webpage, Hardware Networking and Database.
- *Webpage* – General maintenance. Interpret analytics and edit elements based on the flow of traffic.
- *Hardware Networking* – Server and storage maintenance. Spearheaded efforts to decentralize server to prevent over-reliance of old technology, reduce crash rate of computers to 0% during server outage.
- *Database* – Used PHP and ApacheDB to upgrade registration processes. Improved convenience of Hall leaders by an additional a feature to view hall points, reduced registration process from 4 days to 3 days.

## Graphics Designer – Raffles Hall

Aug 2021 – Apr 2022

- Musical Production Designer – Photoshop and Adobe Illustrator

## Insights Writer – Global Research Consulting

Aug 2021 – Dec 2022

- Wrote Articles and Researched on Mental Health in Singapore

## Achievements / Awards

### [EzCompostr](#) – Co-Founder

Dec 2021 – Present

- Venture Initiation Program (NUS) – Award Recipient
- Youth Action Challenge (Government) – Award Recipient
- Hult Prize Taipei Regional Summit 2022 (International) – Top 6 of 40+ teams
- Social Engine Competition 2022 (Singapore) – Finalist
- U21 RISE 2022 (International)

## Skill Sets & Proficiency

<b>Programming</b>	Java C/C++ Python Assembly languages	Proficient Proficient Intermediate Intermediate
<b>Web</b>	JavaScript / TypeScript HTML, CSS, XML Flask ReactJS NestJS PHP VueJS	Intermediate Intermediate Intermediate Intermediate Intermediate Basic Basic
<b>Database</b>	MongoDB Postgres, SQL ApacheDB	Intermediate Intermediate Basic
<b>Server Management &amp; Network</b>	Server Setup/Maintenance Computer Networking	Basic Basic
<b>Operating Systems</b>	Linux Windows	Basic Basic
<b>Hardware Design</b>	Circuit design (Logisim) Fusion360	Intermediate Basic
<b>Non-technical Skills</b>	Leadership Writing/Publications Research	Intermediate Intermediate Intermediate

<b>Office Productivity</b>	Microsoft Word	Proficient
	Microsoft PowerPoint	Proficient
	Microsoft Excel	Proficient
	Microsoft Teams	Proficient
<b>Multimedia</b>	Adobe Photoshop	Basic
	Adobe Illustrator	Basic

## Language Proficiency

<b>Spoken</b>	English – fluent; Mandarin – fluent
<b>Written</b>	English – competent; Mandarin – average

## Appendix A

**Degree:** Bachelor of Computing (Honours) in Computer Science  
**Cumulative Average Point: 4.44 / 5.00**

Year	Level	Course Description	Grades
Aug – Nov 2021	Semester 1	Programming Methodology 1	A-
		Communication in the Information Age	B+
		Introduction to Anthropology	S
		Calculus for Computing	S
		Discrete Structures	S
Jan – May 2022	Semester 2	Programming Methodology (Research)	A
		Programming Methodology 2	A-
		Ethics for Computing	A+
		Quantitative Reasoning with Data	A-
		Data Structures and Algorithms	B+
June – Aug 2022	Summer Exchange*	Linear Algebra for Computing	S
		Computer Architecture	S
		Fundamentals of Chemistry	S
Aug – Nov 2022	Semester 3	Database Systems	In-progress
		Software Engineering Project	In-progress
		Computer Networks	In-progress
		Technical Management and Leadership	In-progress
		Communication for Computing Professionals	In-progress

\*For all Summer Exchange programs, no grade is allocated in the NUS transcripts

### 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