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Personal Statement

My name is Ryan Teo, a Year 3 student with a strong foundation in software development and early-stage business operations. As a co-founder of two early-stage startup ventures, I have navigated and gained comprehensive experience spanning the entire product lifecycle—from conducting initial market research, through product conceptualization and development, to spearheading business development initiatives. This unique blend of technical expertise and business acumen allows me to serve as a versatile contributor, effectively engaging in any stage of the product development process.

The journey of starting my own startup ventures has been challenging and exciting, providing me with firsthand experience in navigating the unpredictable nature of early-stage business operations. Through these ventures, I learned to adapt quickly to changes, lead under pressure, and continuous drive growth from the ground up. This experience has equipped me with the insight and skills necessary to add significant value to any startup environment. By joining your team, I aim to bring these learned strategies and experiences to further enhance your projects, contributing to accelerated growth and innovation. Similarly, immersing myself in the unique challenges and opportunities at your startup represents a valuable next step in elevating my capabilities.

Internship Objectives:
1. Professional Integration: I am committed to securing a role that not only utilizes my technical skills but also enhances my business strategy capabilities. My goal is to contribute to projects that leverage technological advancements to achieve strategic business objectives. I am particularly interested in roles that extend beyond tech development, incorporating significant elements of business strategy and development, fostering a holistic approach to product and business growth.
2. Learning and Growth: I view this internship as a prime opportunity for personal and professional growth. The dynamic nature of a startup, with its need for problem-solving and innovation, provides a perfect environment for pushing boundaries. Whether it involves leading a project or enhancing customer experiences, I am ready to step out of my comfort zone and embrace new challenges.
3. Meaningful Impact: I aim to apply my skills in a real-world setting, making substantial contributions to both the company and the wider community. I am drawn to impact-driven enterprises that empower local communities or promote global betterment. Contributing to such causes would be deeply fulfilling.

How I Can Contribute:
1. Cross-Functional Leadership: With my technical skills and business knowledge, I can effectively bridge the gap between tech teams and business units. This ensures that technical solutions are aligned with business strategies, translating complex business requirements into actionable technical plans.
2. Project Leadership: My extensive experience in leading projects equips me to manage and motivate cross-functional teams effectively. I am committed to fostering a supportive and productive work environment, emphasizing initiative and collaboration.
3. Innovative Problem Solving: I excel in identifying challenges and devising innovative solutions that meet user expectations and drive business success. My critical and creative thinking skills enable me to address complex issues, ensuring that both product development and business strategies are robust and effective.

I am dedicated to advancing my skills and making a significant impact within any team. My strong work ethic, leadership initiative, and collaborative spirit make me a valuable asset to your organization. I am eager to contribute to our collective success and am looking for a platform where I can make a meaningful difference.

Education

| Aug 2022 - Present | **National University of Singapore** | Singapore |

Bachelor of Engineering (Honors) in Computer Engineering
Second Major in Innovation & Design Program

| Jan 2018 - Dec 2019 | **Victoria Junior College** | Singapore |

- Singapore-Cambridge General Certificate of Education Advanced Level
- Subjects: H2 Physics (A), H2 Chemistry (A), H2 Mathematics (A), H2 Economics (A), H1 General Paper (A), H1 Project Work (A)

Work Experience

| May 2024 – Aug 2024 | **LFG Travel** | Ho Chi Minh City, Vietnam |

Software Engineer Intern
- Enhanced the current platform website for the beta launch, integrating new features using Next.js, Tailwind CSS, and TypeScript, which led to an increase of 220 visitors within two weeks.
- Created efficient backend APIs leveraging AWS DynamoDB for data storage.
- Contributed to the ideation and implementation of the "Organize" page, enabling users to organize their saved content by country and category.

| Jan 2022 – Jun 2022 | **A*STAR – Agency for Science, Technology and Research** | Singapore |

Robotics Intern
- Developed and implemented software using ROS and Python to optimize Lidar point cloud data collection, enhancing efficiency of autonomous vehicle navigation.
- Engineered and integrated mechanical components into the robotic system utilizing SolidWorks, contributing to an improvement in data collection accuracy.
- Designed a user-friendly interface using HTML and CSS to facilitate real-time control and movement of the robotic system, improving usability for non-technical users.

| Aug 2020 – Dec 2021 | **Singapore Armed Forces (30th Singapore Combat Engineer Battalion)** | Singapore |

Platoon Sergeant

- Led and supervised a platoon of 10 soldiers, ensuring high standards of training, operational readiness, and welfare, contributing to the battalion's overall mission success.
- Acted as the primary liaison between the company and battalion, effectively coordinating across 6 departments to streamline day-to-day operations and support strategic objectives.
- Developed and maintained a comprehensive training database using Microsoft Excel for over 350 soldiers, significantly enhancing the tracking of training progress and readiness. This system was adopted battalion wide as the standard for monitoring and reporting.

Scholastic Achievements/Extracurricular Activities

Jan 2024 - Present	**REGEN** Co-founder, Project Manager	Singapore

Business summary: Conducted extensive market research and user research across over 1,200 students, driving the ideation and development of a mental health mobile application tailored for Singaporean youths. As Project Manager, I oversee cross-disciplinary teams in the technical development and business operations, ensuring timely delivery and product success.

May 2023 – Present	**STEER Challo** Co-founder, Tech Lead	Singapore

Business summary: Led the development of a mobile application designed to connect tourists with local homestays in Mukteshwar, India, following extensive market research and user interviews. Directed technical development and partnership outreach, successfully establishing strategic partnerships with local enterprises and an NGO within the region.

Aug 2022 - Present	**National University of Singapore**	Singapore

- Program Lead, NUS STEER Himalayas 2023: Spearheaded planning and execution of an international educational and cultural immersion program.
- Director of Events, NUS Residential College 4: Orchestrated diverse events, enhancing community engagement and student life for over 140 students.
- Operations Executive, Engineering Science Student Wing: Managed logistics and operations to support student initiatives and activities for over 230 students.

Jan 2018 - Dec 2019	**Victoria Junior College**	Singapore

- Victoria-Cedar Alliance Alumni Scholarship: Recognized for outstanding leadership qualities and innovation.
- Project Director, Project V: Led a school-wide initiative to promote service leadership among peers.
- Project Director, Science Explore: Organized an event to engage secondary students in STEM activities and experiments.

Skill Sets & Proficiency

Office Productivity	Microsoft Word, PowerPoint, Excel	Proficient
Web	HTML, CSS Next.js, React, React Native Tailwind CSS	Proficient Proficient Proficient
Database	Amazon DynamoDB SQL, NoSQL	Proficient Intermediate
Programming	Python Java C++ C	Proficient Proficient Proficient Intermediate

Scripting	JavaScript, TypeScript	Proficient
Operating Systems	Linux	Intermediate
	Windows OS	Intermediate
Hardware Design	3D Modeling and Simulation	Proficient
	VHDL	Proficient
	Circuit design	Proficient
Non-technical Skills	Project Management	Proficient
	Market Research	Proficient
	UI/UX Design	Proficient
	Public Speaking	Intermediate
	Writing/Publications	Intermediate

Language Proficiency

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

Additional Information

Other activities/interests	Outdoor recreation (hiking, camping, kayaking etc.), Culinary arts, Traveling