

Imagine! You want to study at Cambridge, with the Jardine scholarship. Neither you nor your friend knows for sure how your essay fares. You can't pester your seniors all the time about your personal statements. And consultancy services are too expensive for you.

Hey, we already have ChatGPT, a free tool to ask any question, don't we? So let us just paste our personal statement into the chat, and ask it for points of improvements. And there we go, we know where we can improve our essay.

Here is an excerpt of the feedback for my Cambridge essay:

2. **Balance Between Technical and Accessible Language:** While the technical language showcases your knowledge, consider making your writing slightly more accessible to a broader audience. Admissions tutors come from varied backgrounds, and while some may appreciate the technical depth, others might be more interested in the overall narrative of curiosity and growth.
3. **Tie to Cambridge:** It would strengthen your statement to specifically mention why Cambridge is the ideal place for you to pursue Physics. This could include references to their faculty, research groups, or unique aspects of their Physics program that align with your goals.

No, my dear GPT, the readers of my essay are the professors at Cambridge, with technical knowledge, not any varied backgrounds. And there is no need to mention why Cambridge specifically! At this point, you start to question the validity of this feedback.

That is where our app comes in! We know for sure what makes a good essay, and what to avoid. We are not as expensive as other consultancy services! But the quality of our suggestions are of no less.

A ball colliding with a line of balls causes a seemingly magical transfer of energy, as only the ball at the other end flies up, and the rest, including the colliding one, stay stationary.

This was a problem posed in the Singapore Young Physicists' Tournament (SYPT) 2019. The phenomenon, Newton's cradle, opened my eyes to what Physics really is. Although I only managed to fully analyse the behaviour, theoretically and experimentally, for the case of two balls, I fell deeply in love with Physics.

I have since taken active steps to deepen my understanding of theoretical Physics. I competed in the Singapore Physics Olympiad (SPhO) and the Singapore Junior Physics Olympiad, ranking amongst the top 30 to win gold medals in both. Through these competitions, I learned many new Physics concepts and tackled many difficult problems. Revisiting Newton's cradle, I modelled the balls as Hertzian springs and obtained a more accurate simulation of their behaviour: the line of balls does not stay perfectly motionless. The power of physics to model and rationalise the world around us thus deepened my curiosity of Physics. In my own time, I took online Coursera courses in quantum mechanics and particle physics. The latter exposed me to the broad world of subatomic particles and their interactions, which can be illustrated by Feynman diagrams. Passionate in applying theory into real-life phenomena, I participated in SYPT again in 2021. Through rigorous research, I was exposed to the complex world of Physics which underpinned each problem. By seeking to make the phenomenon of the Wilberforce pendulum more observable in my experiment, I gained clearer insights into the system's nature of resonance. When the team was struggling to gain ground on either the theoretical or experimental aspects of the problem, I stepped forward to direct the team and coordinate work to ensure progress. The competition gave me a taste of what research work is like, compelling me to contribute to Physics research in future.

Motivated by my passion for Physics, I wish to pursue a Doctor of Philosophy degree, in hopes of one day being able to make contributions to the scientific community and to the advancement of our understanding of Physics.

**Comments**

Your argument is particularly strong because you provide detailed personal involvement and technical understanding. You describe your participation in the SYPT 2021 and the specific experiment with the Wilberforce pendulum, illustrating your research and insights into resonance. Furthermore, you demonstrate both leadership qualities through directing and coordinating your team during challenging times, and a clear aspiration to contribute to Physics research in the future. This combination of concrete personal actions, technical concepts, and career goals makes your argument compelling.

**General Comment**

Your personal statement effectively highlights your capability in Physics by discussing your deep understanding of specific concepts that only a scholar in this field would grasp. This evidence of your academic prowess is essential in

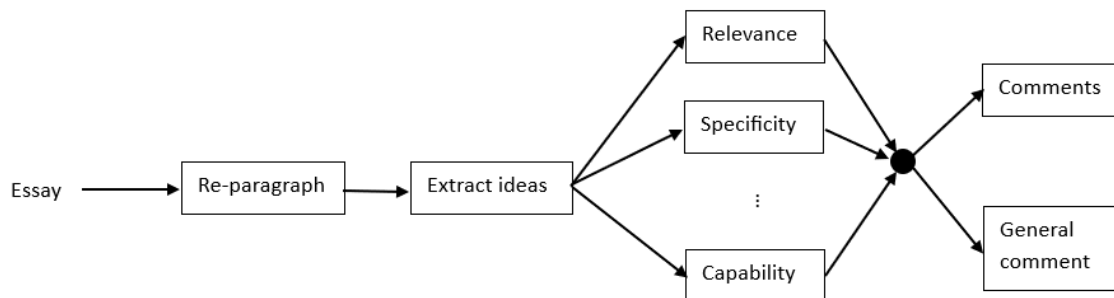
Cool! This is how detailed the feedback is! It is specific to the sentences I made in my essay. I would know exactly where I got it right, where I went wrong, and how I can improve my essay.

How does my essay fare overall? Look at the general comment! It tells me what I have done right, and what I can improve on. It is exactly about what Oxbridge/Jardine scholarship is looking out for, and exactly what I need to do. Indeed, Stellar is an AI-powered assistant that is as good as a human consultant, but at a much lower cost.

Is it really that effective? Don't worry, I have asked my friends in Oxbridge to test it. One of them is on the Jardine scholarship. All of them agree with the comments my AI raises, and have the same experience as I just described. They are the ones who got in, and know what exactly the school and the scholarship are looking out for. Now, it is your turn to make your Oxbridge & Jardine dream come true!

### **How did we do it exactly?**

Well, here is the “supply chain” of our evaluator, whenever an essay is uploaded.



In particular, we use a bunch of evaluation modules like relevance, specificity, capability, etc, that are specific to Oxbridge and Jardine. These modules are what Oxbridge and Jardine scholarship are looking out for, ensuring that comments and general comments are useful for you to improve your personal statements.

Our domain knowledge, together with our prompt engineering skills, can be extended to interviews. In future, new features include conducting mock interviews and feedback on interviews. Our domain knowledge ensures that the mock interview experience is the same as real interview, and the feedback we give is not simply feedback from a simple prompt to GPT.

### **So, how much does it cost?**

You have 3 free uploads, afterwards, it is \$10 per Oxbridge essay, and \$15 per Jardine essay. This is very affordable, way cheaper than hundreds of dollars from our competitors. How can we set such a competitive price? Our costs only consist of hosting costs, and API key costs.

In fact, combining Oxbridge/Jardine essay evaluation with prompt engineering is unprecedented, because people still doubt ChatGPT over the accuracy of feedback in general. However, with careful and detailed prompt engineering, we can achieve the same result as human consultants do, while maintaining the same quality of feedback.

With our future plan of expanding into Oxbridge and Jardine interviews, where we can extend our secret sauce with low cost. Our app can then provide more holistic assistance to our clients.