



18 September 2024

To Whom it May Concern,

I am an MD/PhD candidate at Johns Hopkins University, and taught Ayushman in my capacity as an instructor for the Johns Hopkins Biomedical Engineering Innovation Pre-College Program during the Summer 2024 term. The course is fast-paced and mirrors introductory undergraduate courses, requiring a large degree of scientific writing and independent design projects. The term culminates in a multi-week project entirely driven by the student in both design and execution.

Ayushman was extremely effective in producing college-level work throughout the course. I was distinctly impressed with his fund of knowledge, bright intellect, and drive to work hard. While some students needed substantial guidance to be successful, Ayushman performed high-quality independent research with minimal supervision. Our design reviews, intended to keep students' projects on the right track, more closely resembled peer review than an instructor-student dynamic because of his incredibly high competence. His passion is clear, and his eager interest in further research even at the course's conclusion leaves no doubt in my mind regarding his great potential as a college student.

In my own educational journey as a former biomedical engineering major and current MD/PhD candidate, I have crossed paths with countless trainees at every level of education and understand the qualities necessary to prosper in academic settings. I am confident Ayushman has the intellect, work ethic, and responsibility to be successful at any undergraduate institution, and offer my full support for his application.

Sincerely,

Alexander A. Girgis

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