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SAR HS325
Discussion: B4

Throughout the semester taking Introduction to Global Health, I felt like my eyes had been opened. The key highlight of the class was my group's research project on Tanzania, I've gained invaluable insights that I believe will influence my career as a software engineer. Reflecting on the course material, I've gathered three major takeaways that I feel will apply in my future endeavors.

Firstly, understanding complex systems emerges as a cornerstone skill. Tanzania's healthcare landscape showcased an intricate web of interconnected factors, from socio-political dynamics to environmental challenges. Similarly, software engineering often involves navigating complex software architectures, exceeding stakeholder expectations, and technological advancements. Armed with an understanding of such complexity, from this, I aim to change how I approach software projects by considering the broader ecosystem in which my solutions operate.

Secondly, the course honed my problem-solving skills. Analyzing Tanzania's healthcare challenges, from inadequate infrastructure to shortages in medical supplies, underscored the importance of creative problem-solving and systematic solution development. As an aspiring software engineer, I foresee applying this skill to break down complex technical issues, identify root causes, and craft innovative solutions. Similar to how we attempted to address healthcare disparities in Tanzania, I'll strive to optimize software systems and enhance user experiences in my future projects.

Lastly, the course reinforced the notion of social responsibility and the potential for technology to drive positive change. Tanzania's healthcare struggles illuminated the profound impact of societal disparities and the importance of leveraging technology for equitable access to essential services. As an aspiring software engineer, I aspire to contribute to efforts that will innovate new solutions to help many people. Whether developing healthcare applications, educational platforms, or environmental solutions, I'll endeavor to harness technology for meaningful societal impact. In light of this idea, I will be interning at Blue Cross Blue Shield, a leading healthcare insurance organization this summer. The efforts of my work will allow your programs to analyze our customers' backgrounds to provide the most optimal plans to suit their needs. As a result, we hope to reduce the burden on healthcare bills and allow everyone to get the care they deserve.