Finding Relief in Back Pain Through an Accessible Laptop Stand

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Our project aims to solve the issues that come with poor posture. We will be creating a laptop stand to solve and prevent back pain. Our participants will be students within the age range of 15-16 years old. They will be seated on a chair and measured while using a laptop stand and without it. Their arm, knee, hip, and ankle angles will be measured and then calculated to see percent errors and statistical differences. There will be minimal risk and only a small amount of personal data collected. Overall, our project will focus on solving the problem of poor posture and back pain among students at our school to help them perform and feel better during their work hours.

Awards Won:
Arizona State University: Arizona State University ISEF Scholarship (valued at up to $58,000 each)
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