


# The Dark Side of Computer Science: Uncovering the Disadvantages

Main idea/ thesis  
statement




Computer science, while offering a world of possibilities, is also accompanied by its fair share of drawbacks. From high costs to lack diversity in the field, computer science has several disadvantages which can be difficult to overcome. This essay will explore these drawbacks and their implications on the industry.

First and foremost, the cost associated with studying computer science is often prohibitively expensive and not accessible to those who are unable to afford it. The cost for textbooks alone can range from hundreds to thousands of dollars per semester, not including tuition fees or other materials needed for coursework. As such, individuals from low-income backgrounds or those without access to financial aid are often unable to pursue a degree in computer science.

Another disadvantage of studying computer science is the time commitment required to be successful as a student. Computer science requires intense dedication and prolonged study hours to understand intricate concepts, which can take its toll on students' mental health and wellbeing. As such, those who may already have familial or financial obligations will find it harder to dedicate their necessary amounts of time and energy into pursuing this field.

Technical  
evidence



Lastly, computer science has faced criticism for its lack of diversity, particularly with regards to gender. Despite computing jobs having grown 22% faster than other occupations over the past decade – mostly held by men – women's representation in the field remains low at just 24%. This lack of diversity does not bode well for the industry, as it limits perspectives and ideas that could be used to make valuable advancements in computer science.

In conclusion, while computer science offers a world of opportunities, it is unfortunately accompanied by several disadvantages which can limit accessibility and growth within the field. From high costs to a lack of diversity, these drawbacks should not be overlooked or underestimated. It is important to acknowledge them in order to come up with solutions that can help bridge this gap and create a more equitable environment for innovators from various backgrounds.