

Coursera Financial Aid Answers Template

Why are you applying for Financial Aid? (150 words minimum required)

I come from a lower-middle-class family in South India. I am from IIT Bombay, pursuing BTech in Computer Science. Money has always been a factor in almost every decision in my life, due to my family's unstable financial situation. My father is an engineer at a local firm in the city and the sole breadwinner of my family. My family has been financially unstable ever since the lockdown was put in India last year and my father's firm decided to cut down a significant portion of my dad's salary. This year I finished high school and entered university. The college tuition is very expensive and we applied for an educational loan to finance my studies. I also have a sister who is graduating 12th grade this year and the expenses are about to increase significantly for my dad in the coming months.

He also had to purchase me other essentials such as a laptop and mobile phone to continue my studies online this year, which has led to large expenses he is not able to afford easily. Despite all our financial status, he's supported me and is allowing me to study and pursue my interests and follow my passion without complaining once.

As the elder son, I would like to help my father in any small way I can help. He is doing so much for me that I can't expect more, hence financial aid is the only way I can complete the course and earn a certificate which I know would help me succeed in the future.

How will taking this course help you achieve your career goals? (150 words minimum required)

Robotics- Aerial

I am currently looking for a summer internship in the field of Robotics and Unmanned Aerial Vehicles. I have also worked on various projects including RC quadcopters, Ground Vehicles capable of doing specialized tasks and even autonomous bots for competitions. But my experience as a school student was limited to learning the very basics of building and testing bots seeing tutorials and videos online. But for becoming a professional, it requires me to have in-depth knowledge about the various aspects of an autonomous system. Starting from the mechanical aspect right to the controls and navigation systems. This course has the perfect content required by me to extend my knowledge and understand the basic concepts & technology deeply to be able to plan and build UAVs on my own. I plan to extend the knowledge gained from this course into building my custom autonomous drone, among other things. This course will surely help me to make a path and start a career in the fascinating field of robotics. Doing this course will give a head start to my career. And maybe someday I may start a company based on making UAVs to help people in various aspects of our life, especially in desperate times such as this pandemic.

Neural Networks and Deep Learning(Andrew NG) , Machine learning (Standford, Andrew NG)

Being a Computer Science student and a robotics enthusiast since my 6th grade I am very excited to jump into the exciting world of ML and Data Science. The application of Neural Networks and Deep Learning in various robots and systems developed and deployed worldwide has helped many people make their lives easier and improve their businesses. Also, development of products in general, and in our current situation the development of vaccines has been extremely fast thanks to these ML neural networks and deep learning systems.

I am currently looking for a summer internship in the field of ML and Data Science. Having in-depth knowledge of the fundamentals of Machine Learning Algorithms, Neural Networks and Deep Learning is a very crucial aspect for this. This course has the perfect content required by me to extend my knowledge and understand the concepts & technology deeply to be able to create something new & innovative. I have gained some knowledge in the field viewing videos online, but YouTube is a vast ocean and without a well-constructed curriculum, it is very difficult for me to pursue my career as a Data Scientist. This course offers exactly that structured curriculum and expert guidance I have been looking for. This course will surely help me to make a path and start a career in the fascinating field of robotics. Doing this course will give a head starts to my career.

Introduction To Self-Driving Cars

Ever since I was a child, I have been fascinated by cars and automobiles in general. I became involved in robotics and small control systems when I entered middle school. My fascination for self-driving cars was created and deepened by Tesla and the awesome robot movie I happened to see: - 'I Robot'. Being a Computer Science student and a robotics enthusiast, I am very excited to learn about the awesome world of self-driving cars and this specialization course offers the best starting point for my career in the autonomous car industry.

I am currently looking for a summer internship in the field of Autonomous Vehicles and Self-Driving Cars. Having in-depth knowledge of the fundamentals is a very crucial aspect of an internship. This specialization course has the perfect content required by me to extend my knowledge and understand the concepts & technology deeply to be able to create something new & innovative. This course will surely help me to make a path and start a career in the fascinating field of self-driving cars. Doing this course will give a head start to my career.

Robotics: Computational Motion Planning

I am currently looking for a summer internship in the field of Robotics and Unmanned Aerial Vehicles. I have also worked on various projects including RC quadcopters, Ground Vehicles capable of doing specialized tasks, and even autonomous bots for competitions (national level tech fests in India) . But my experience as a school student was limited to learning the very basics of building and testing bots seeing tutorials and videos online. But for becoming a professional, it is required for me to have in-depth knowledge about the various aspects of an autonomous system. Starting from the mechanical aspect right to the controls and navigation systems. This course has the perfect content required by me to extend my knowledge and understand the basic concepts & technology deeply to be able to plan and build UAVs on my own.

I plan to extend the knowledge gained from this course into building my custom autonomous drone and ground bots, among other things. This course will surely help me to make a path and start a career in the fascinating field of robotics. Doing this course will give a head start to my career. And maybe someday I may start a company based on making robots to help people in various aspects of our life, especially in desperate times such as this pandemic.

If you answered no, please help us understand why.

I am unable to work for a paying job due to a large chunk of my time is required to complete my academics and maintain a good score. Thus, a proper source of income is virtually non-existent in my case, so I don't know whether I will be able to pay it back or not. In the case of the latter, it will only become an added burden on my parents which I do not want.