**Why do you choose MathWorks**

I first heard your company when I learned machine learning. From then on, I know that you are the leader in Math, Machine Learning and other spaces. It is extremely important for me to work in an organization that prides itself on being a leader.

Another aspect that intrigues me is that the EDG intern program fits me well. I’m interested in the Robot arm project because I’ve done something about reinforcement learning this summer in a medical-IT startup. I feel I’m well prepared for working in your company.

**What do you know about the position? (2 min)**

While online, I researched this position and found out that this job involves helping customers solve some technical problems using MATLAB and Simulink. The position will also provide a comprehensive and rigorous training. It includes some amazing projects like Robot arm projects, Mobile computing market research, Hybrid powertrain development and so on. What’s more, it gives me an opportunity to work with some amazing people in EDG. I’m eager to communicate with them and learn some practical skills.

**Why do you think you are a good fit for this position? (2 min).**

I worked at a medical-IT startup this past summer and implemented a deep learning system for medical image processing where I learned solid knowledge of machine learning and software engineering and my strong programming skills. I’m also detail oriented, passionate about bug-fixing and willing to learn more.

I found my skill sets highly matched the Robot arm project. I look forward to contributing in similar ways here

**Tell me the recent work or intern experiences? (2 min)**

I worked as an Algorithm Engineer this past summer in a medical-IT startup. My work is to detect whether given images contain cancer or not with using deep learning models. By using data augmentation, data preprocessing and other techniques, the result finally reached the industry level standard with accuracy up to 96%. Thanks to this intern, I learned how to deal with practical problems. Now I feel well prepared to take on a full-time soft engineering position.

**visa type, whether authorized to work in US. need sponsorship? (1 min)**

My visa type is F-1

I’m authorized to work here and I do not need sponsorship.

**GPA (1 min)**

My GPA is 3.3, because it is the first semester and I need time to adapt. It will be higher later.