

Server Code Challenge

At Robots and Pencils, our biggest key to innovation is our team.

We are very selective in who we hire and only take on the best talent we can find.

So far we think you have some great experience, and we would love to see your technical skills in action. The following is a short Server code challenge that our robots team has devised. Please read through the instructions carefully and complete the test by the deadline outlined in the email.

If you have any questions or need further clarification, please do not hesitate to reach out. We look forward to seeing your work!

INSTRUCTIONS:

Write a simple class in the language of your choice to represent a deck of cards with operations to shuffle the deck and to deal one card. While not a requirement today, a likely future enhancement is the need to deal all the cards in a deck.

While not strictly required, we value usage instructions, nicely-modeled data, automated tests, and thoughtful consideration of architectural decisions and simplicity-vs-completeness trade-offs.

Please note: For the record, and to be totally clear, we've drafted a solution for this problem so this is not spec work [<http://www.no-spec.com/faq/>]. Whether yours matches our draft [which may now be implemented] or is completely different is insignificant. We're just trying to see the tools in your toolbox that you'd use to slice this real-life challenge.

One of our developers spent two hours defining a solution. We would expect you to take around the same amount of time.