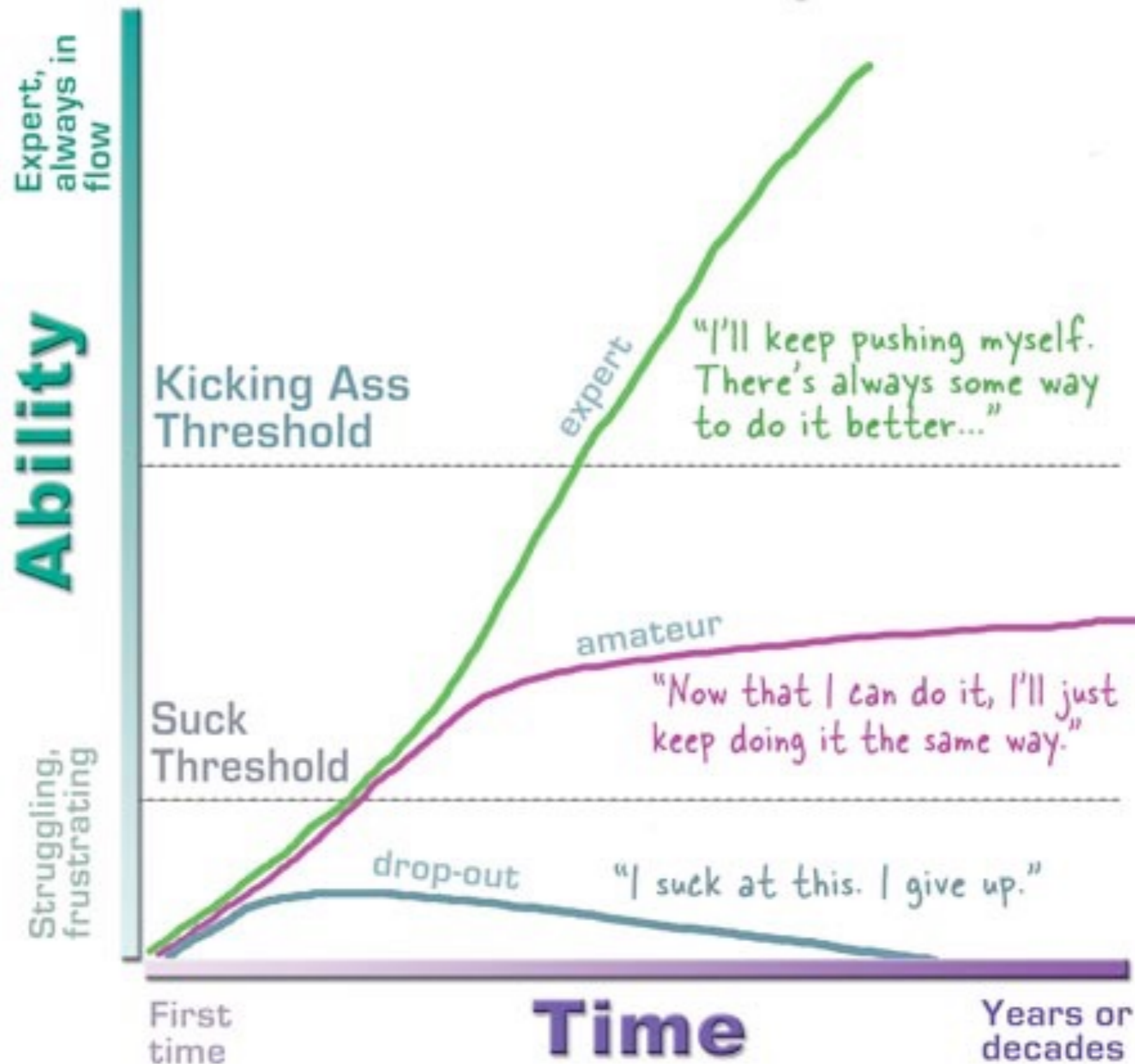


# Refactoring Code

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Professor Larry Heimann  
Information Systems  
Carnegie Mellon University

# How to be an expert



# Why refactor code that works?

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- There are better ways to do it
- Repetition is dangerous
- Maintaining spaghetti code is hard
- Don't want someone else to clean up your messes
- Technical debt has to be paid off at some point

# Technical debt

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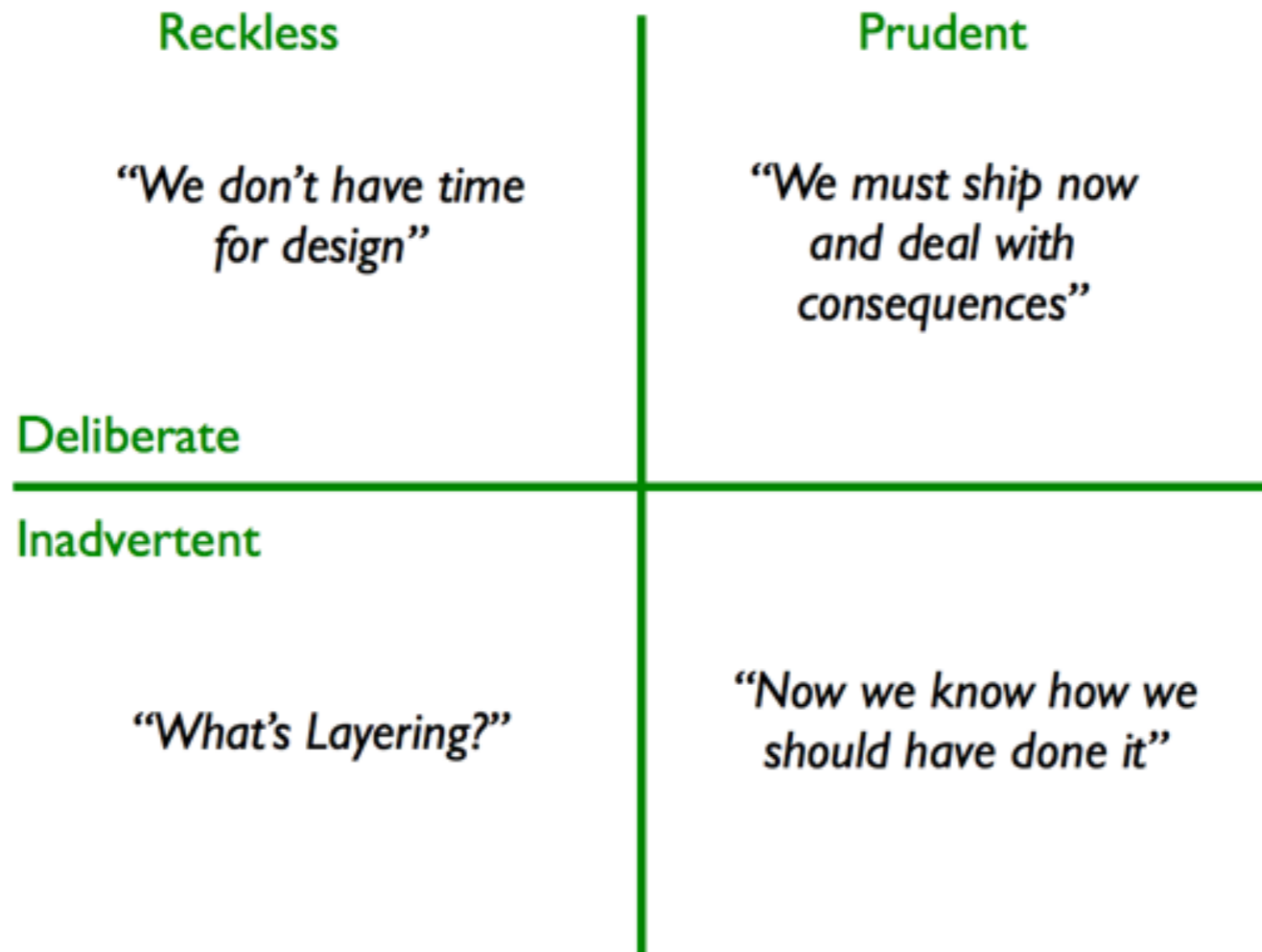
Go into debt to get immediate gains that will have to be repaid later with interest

In software development we take shortcuts or use hackish solutions to get over pressing hurdles

The longer those shortcuts go unaddressed, the more expensive it will be later to fix (or even maintain)

# Technical debt

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EXCUSE ME BUT...YOUR CODE SMELLS

