SE 464

Day 1

> What has been your experience with programming in the large? What is Software Architecture?

- Working on a large API system that has many clients and endpoints
- Working on car client features that have many systems to interact with

> What is Software Architecture?

- The conceptual fabric that defines a system
    - All architecture is design but not all design is architecture
- Architecture parts of a system that would be difficult to change once the system is built
- Architectures capture 3 dimenions:
    - Structure
    - Communication
    - Nonfunctional requirements
- Architecture is about:
    - Communication
    - What 'parts' are there?
    - How do the 'parts' fit together?
- Architecture is not about:
    - Development
    - Algorithms
    - Data structures

Summary

- peer reviews are a thing
- architecture is high level and involves people
- software architecture is important

Day 2