

# Presentational and Container Components

Jogesh K. Muppala



THE DEPARTMENT OF  
**COMPUTER SCIENCE & ENGINEERING**  
計算機科學及工程學系



香港科技大學  
THE HONG KONG UNIVERSITY OF  
SCIENCE AND TECHNOLOGY

# Component Types

- Can be classified based how they are used
  - Presentational vs Container
  - Skinny vs Fat
  - Dumb vs Smart
  - Stateless vs Stateful

[https://medium.com/@dan\\_abramov/smart-and-dumb-components-7ca2f9a7c7d0](https://medium.com/@dan_abramov/smart-and-dumb-components-7ca2f9a7c7d0)

# Presentational Components

- Mainly concerned with rendering the “view”
  - How things look (markup, styles)
- Render the view based on the data that is passed to them in props
- Do not maintain their own local state
  - Can be relaxed to maintain only UI state than data

# Container Components

- Responsible for making things work
  - Data fetching, state updates
- Make use of presentational components for rendering
  - Can wrap presentational components in wrapping divs
- Provide the data to the presentational components
- Maintain state and communicate with data sources