CMSC 663
Self Introduction
Wei Shan Chin
Where I am from

My hometown, Kuantan

Destination Malaysia

1. https://maps.google.com/
A Little More About Myself

• A first year PhD student in chemical engineering
• Did undergrad at University of Washington and subsequently masters at Virginia Tech
• Speak Malay, Mandarin and Cantonese (not really a personal choice....)
• Sports I follow: European soccer, NBA (mostly during the postseason)
Research Background (Flowsheet modeling of Chemical Solvent Based CO2 Capture Process)

1. http://www.nanocat.co.in/co2-capture-and-conversion.html
Research Background (Metal Organic Framework, or MOF)

• Computational screening of MOFs with different topologies & chemical makeup (in conjunction with quantum chemical calculations)
Research Background (Newns Anderson model)

• Bayesian calibration of Newns Anderson model (with data derived from quantum chemical calculations)
  • Better quantitative understanding of adsorptive behavior of gaseous adsorbates on different surfaces