Hello!

Career Paths in CS

☐ My Path
☐ "typical" paths
☐ Academic Research
☐ Industry
☐ Government/hon-profit/govt lab

My Path

Undergrad → Grad School → Post-doc → Faculty

Faculty 2012

2014 2015

sabbatical at a startup consulting

2018

Bosch

Academia

Many roles:
- post-doc (temporary) = $55K-75K
- research scientist/research track faculty
  - non-CMU
  - $100K-
  - (non-temporary)
  - soft money
- tenure-track faculty = $110K-
  - job security
job responsibilities:
- majority salary covered by university
- teaching track faculty = $?? - $100K
  - some equiv of "tenure"
  - some universities, tenure is teaching track
- research uni vs. teaching uni
  - adjunct faculty = $6k/course (relatively high)
  - semester-by-semester contacts
  - little job opportunity

Industry
- Industry research labs = $130K - $1M
- huge raise of what ~$250 avg
  - this means
    - Pure research ⇐ Applied research
    - "papers" ⇐ "product"
    - getting much harder
    - future??
- Industry industry (typically "software engineer")
  - wide spectrum: $200 - $500 (tech)
  - business consulting
  - management
  - "pure" product focused
  - "SE"
  - coder, UNIX, data scientist