

Hello!

Career Paths is CS

✓ My Path

□ 3 "typical" paths

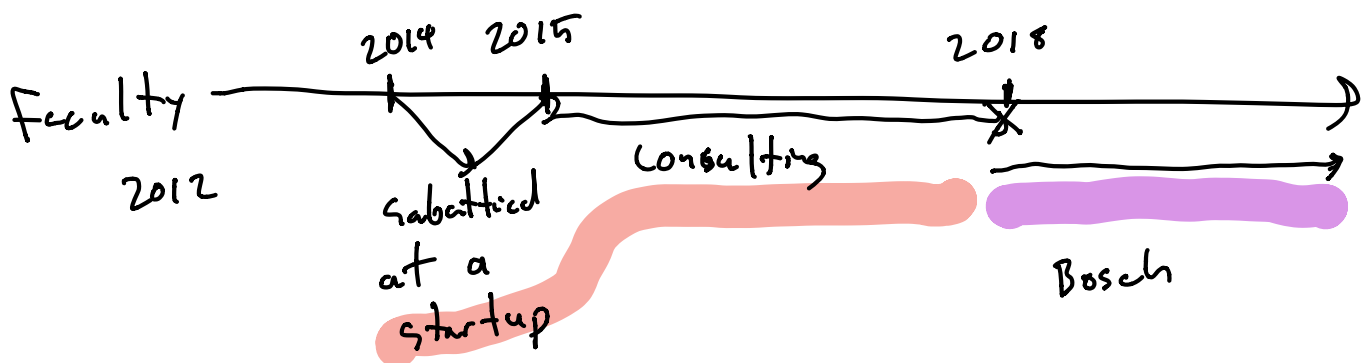
✓ Academia Research

✓ Industry Industry

□ Government / non-profit / govt lab

My Path

Undergrad (2005) → Grad School (2010) → Post doc (-2012) → Faculty (2012-)



Academia

Many roles:

- post doc (temporary) ≈ \$55k-75k

- research scientist / research track faculty
↑ non-CMU

≈ \$100k-

• (non-temporary)

• soft money

(- tenure-track
- job security

faculty ≈ \$110k-

- majority salary covered by university
 - teaching-track faculty $\approx \$?? - 100K$
 - some equiv of "tenure"
 - some universities, tenure $\Rightarrow$ teaching track
 - $\rightarrow$ research univ vs. teaching univ
 - adjunct faculty $\Rightarrow \approx \$6/k$ course (relatively high)
 - semester-by-semester contracts
 - little job opportunity
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Industry

- Industry research labs $\approx \$130K - \$1M$
 $\approx \$250$ avg
 $\rightarrow$ huge range of what this means

Pure research $\leftarrow$ $\rightarrow$ Applied research
 $\approx$ "papers" $\approx$ "products"

- getting much harder
- future??
- Industry industry (typically "software engineer")
 - wide spectrum $\left\{ \begin{array}{l} \rightarrow \$200 - \$500 \text{ (tech)} \\ \text{---} \text{---} \text{---} \text{---} \end{array} \right.$
 - business consulting
 - management
 - "purely" product focused
 - "SE"
 - $\rightarrow$ coder, UI/UX, data scientist