

05/29/2014 Onsite interview 10:15am-3:00pm

1. Samantha Avery (Onsite Host) Conversations
Talked about interview schedule

2. Tom ? (QA from Economy Team ?) Technical
Tom is also from PKU
A project
Bitcoin
Confidence Interval when estimating a proportion
Normal approximation

3. Max ? (QA from YouTube) Technical
A problem in conditional probability about survey
Confidence Interval when estimating a proportion

4. Jane (Youjuan) Li (QA) Lunch

5. Sundar ? and Hank ? (QA) Technical
You research
D&R
R coding for linear regression with a numeric predictor and a categorical predictor
A problem turned out to be a fibonacci series, 1 for a, 11 for b, how many messages contained
in a series of 1's of length n

6. Yu ? (QA) Technical
Yu is also from PKU
A conditional probability problem

7. Nick ? (QA) Technical
Estimate theta in a uniform distribution $U[0, \theta]$
MLE and moment estimator
Their bias and variance