Preparing for the Insight Health Data Interview

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Outline

• Insight admissions process
• Before the interview
• During the interview
  • Tell me about your research
  • Technical demo
  • Why DS / health / Insight?
  • Questions for me?
• Questions
Admissions process for Insight Health Data
Insight Health Data Admissions

1. Online application - *deadline Monday, 3/16!*
2. One 30 minute remote interview
3. Decision
Before the Interview
Do your homework

• Read the invitation to interview email carefully
• Prepare to talk about your research
• Prepare a technical demo
• Why are you interested in Insight? Why Data Science?
In the interview:
Tell me about your research
Why do we ask this?

- To learn more about you and your background
- To see how you communicate complex technical concepts to someone without your background
- To learn more about your technical skills and scientific problem solving
Describing your background effectively

- Listen to directions and cues
- Should be your best answer: concise and clear
  - Practice this answer with friends & family!
- Keep it conversational
- Be ready to dive into details if asked
In the interview:

*Technical Demo*
Why do we do this?

• To assess your technical strengths: coding, statistics, data visualization, machine learning
  • Choose code that highlights your strengths!
• To see how you communicate technical concepts
• To see whether you’ve thought deeply about the approaches you’ve chosen to take
Preparing: What should I show?

- Highlight your technical skills related to data science:
  - code in Python
  - machine learning
  - statistics
  - data analysis and visualization

- Side project (not research) is ideal but not required

- Practice for 3-5 minutes total
Showing your code effectively

- Start at the top (high-level)
  - What is the goal of this project / analysis / code segment?
  - Only highlight the most interesting aspects
- Keep it conversational
- Never go through line-by-line
- Justify your algorithmic choices
- Mind the time
In the interview:
*Why (Health) Data Science? Why Insight?*
Why do we ask this?

• To see how enthusiastic you are about making this career transition
• To see how enthusiastic you are about Insight
• To figure out how we can best help you
Health Data Science interest

• Which type of data scientist do you want to be?
• Have you evaluated the field?
• Look at blogs, job postings, companies, industries...
  and all the things you can’t look at as an academic: location,
  work-life balance, mobility in the company
• What type of health companies are you interested in?
• What specific companies are you interested in?
• Read Insight’s white paper!
In the interview:
What questions do you have for me?
Turning the tables: ask questions!

• Good time for you to get clarifications on program logistics
  • Timing, location, cost

• Better to ask now than later!
So, actually: What questions do you have for me?

Application deadline for Summer session is Monday, 3/23
Mention that you watched the Bridge the Gap webinar! david.wolski@insightdatascience.com