

# HakerRank DDNA

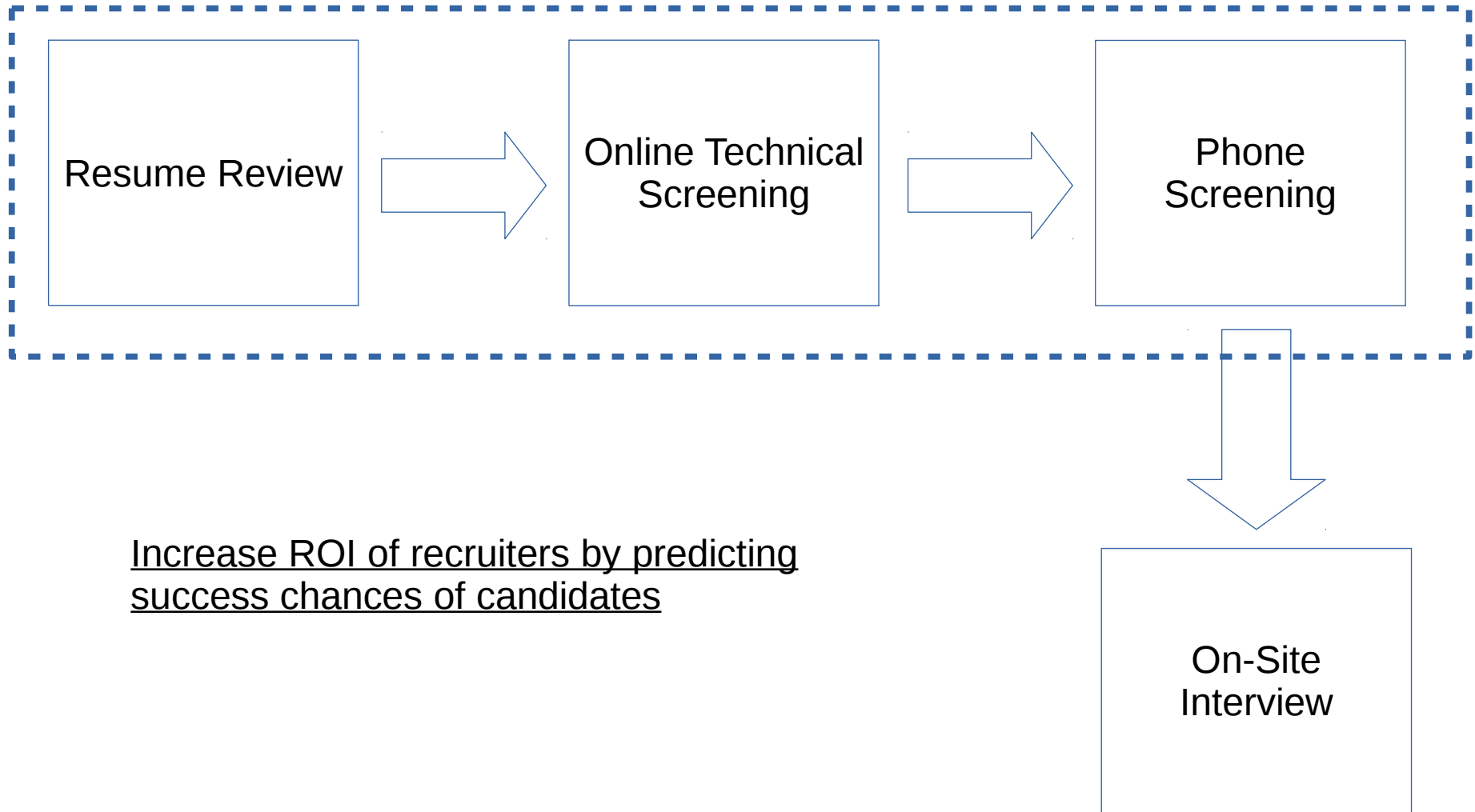


Ketan Goyal

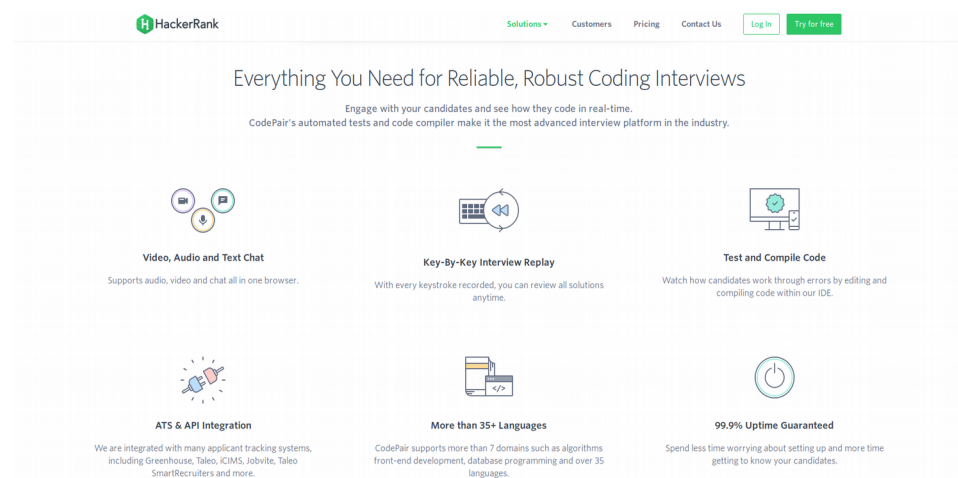
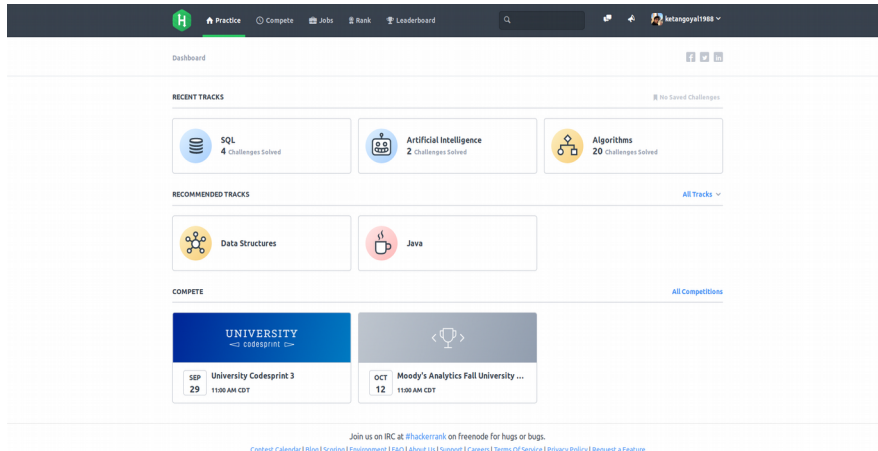
# Motivation



## Interview Process

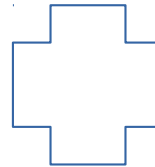


# HackerRank



Community

Solve coding  
challenges for fun



Enterprise

Solve coding  
challenges for interview

# Data Source



HakerRank



Phone  
Screening  
Outcomes

- Outcomes (0,1)



Community  
Database

- num\_challenges
- min\_run\_time
- max\_run\_time
- avg\_run\_time
- std\_run\_time

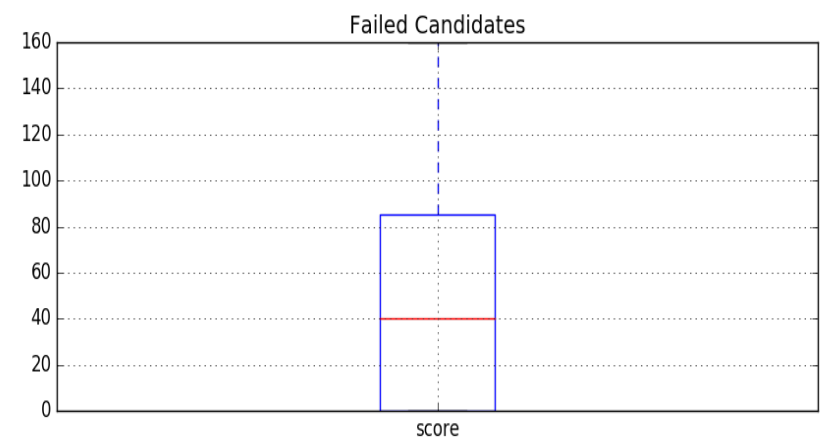
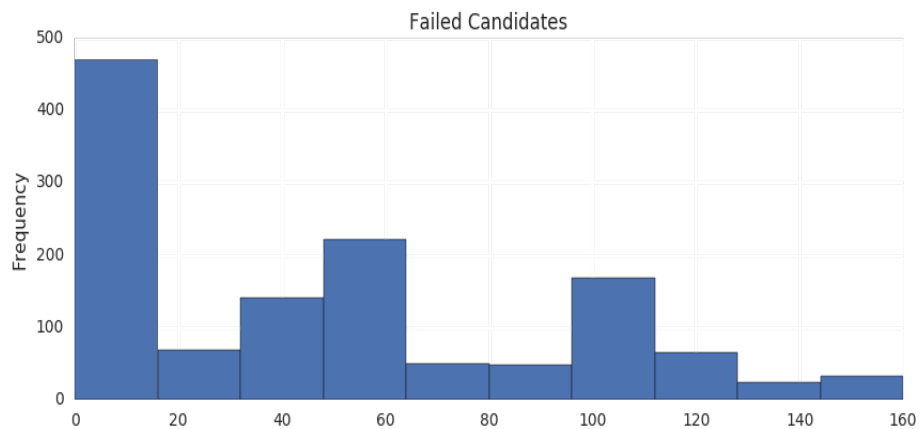
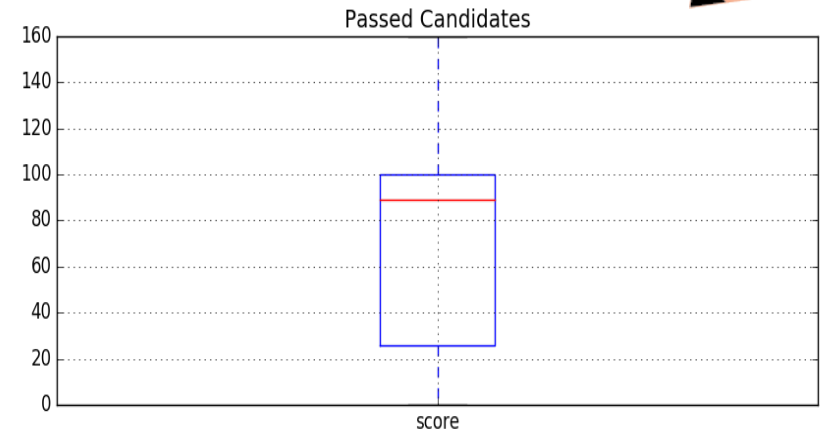
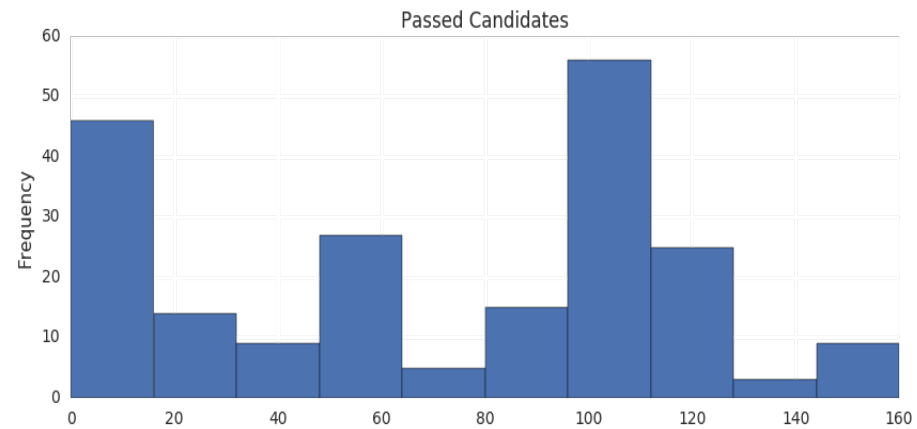


Enterprise  
Database

- test\_scores
- solve\_duration



# Data Exploration



Scores alone are not good indicator of phone screening outcome



# Model



## Model Selection

### Random Forest

- Require no feature scaling
- Implicit feature selection
- Quick to train

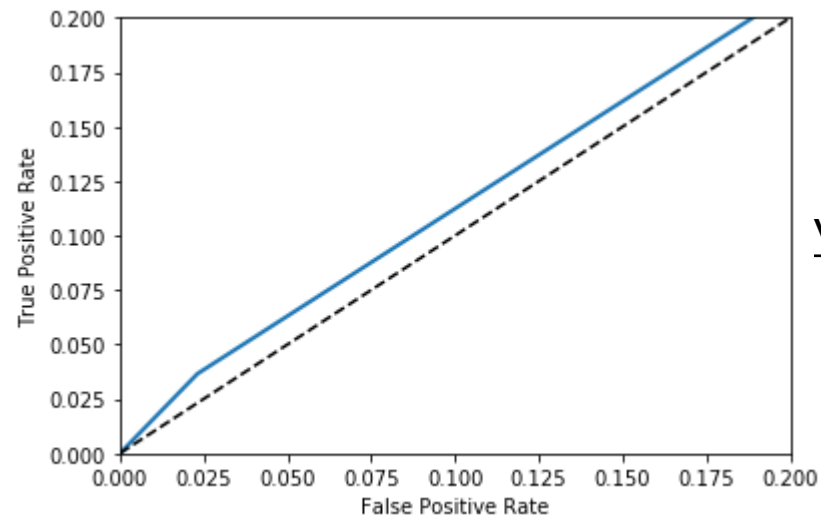
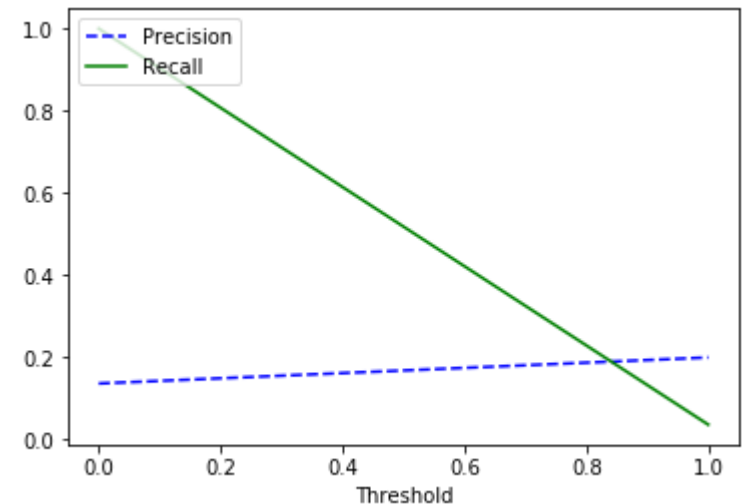
## Next Steps

Add more features:-

- scores / duration
- question taxonomy
- code analysis

## Performance

Note: Test scores and duration not used !



Very Low AUC!