Alpha Presentation
Sentiment & Emotional Analysis of Video Interviews
The Capstone Experience
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Project Overview

• Web App
  ▪ Candidates can record and review answers to interview questions.
  ▪ Staff can create, edit, and delete interviews.
  ▪ Staff can view sentiment and emotion analysis results.

• Sentiment and Emotion Analysis
  ▪ Sentiment analysis produces a floating point value between 0 (negative) and 1 (positive).
  ▪ Emotion analysis produces a confidence score for each emotion.
System Architecture

[Diagram showing the system architecture with components such as Postgres SQL, open.tok, RAILS, KAIROS, Azure, and connecting arrows representing Video Capture, Video Analysis, and Analysis Results.]
Login Screen
Candidate Video Response

Facebook Web Designer

Question 2

Describe a situation where you had to work in a team that didn’t get along very well. What happened? What did you do and what role did you take? How did the situation evolve?
Managing Interviews

Data Analytics Scientist

Author: Bob (bob@recruiter.co)
We are looking for a qualified data scientist to apply his or her expertise in quantitative analysis, data mining, and the presentation of data to see beyond the numbers and understand how our users interact with both our consumer and business products.

Facebook Web Designer

Author: Bob (bob@recruiter.co)
We are looking for an experienced developer to design and create web interfaces using Javascript, X-HTML, and CSS.

Google Software Engineer

Author: Susan (susan@recruiter.co)
We are looking for an engineer with extensive experience in web development.
Editing An Interview

Senior Test Engineer

We are looking for a quality assurance engineer to build out a set of modern test automation suites for Ruby and Java applications.

Question 1:
Think about an instance in which you came up with a project idea which was implemented primarily because of your efforts. What was it about? What was its outcome? What was your role?

Question 2:
Describe a situation in which you met a major obstacle in order to complete a project. How did you deal with it? What steps did you take?

Question 3:
Tell about an instance when you had to communicate a really bad piece of news to your supervisor or team members. How did you handle it? What was the outcome?

Invite Candidate

Name: Select a Candidate

Invite

Invited Candidates

Name Email Completed?

candidate1 candidate1@yello.co No
What’s left to do?

- Live interview functionality
- Send transcript to Azure Text Analytics
- Account activation through email
- Presenting analysis results in a helpful manner to recruitment teams
- Clean Up UI
Questions?