# How to Make a Good First Impression

Mattie Terzolo

### You Have Already Answered 3 Questions About Me

- 1) Do you like me?
- 2) Do you trust me?
- 3) Do I remind you of anyone you know?

# Can we build a model to quantify how good first impression is?

# First Impressions V2 (CVPR'17) Data Set









































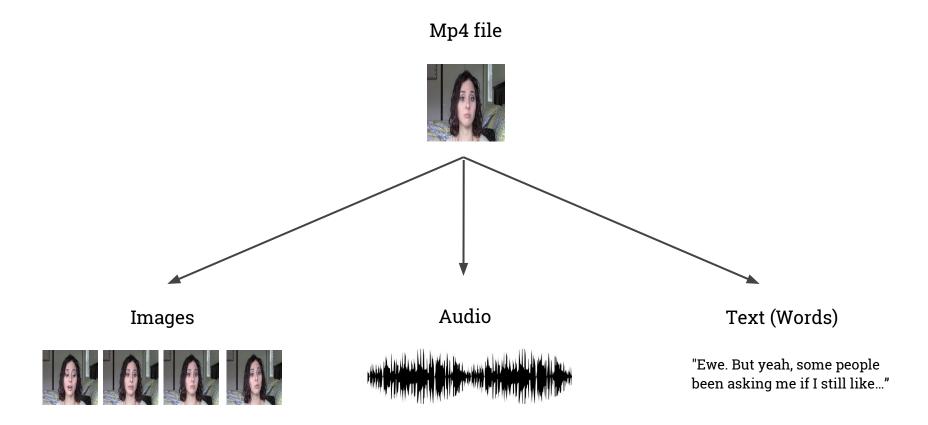








### Let's Break Down the Problem



#### **Input Data**



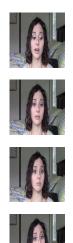


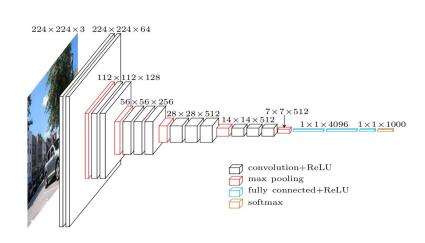




#### **Input Data**

#### **Transfer Learning**

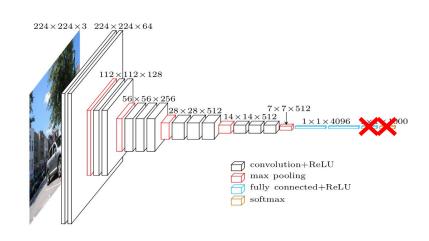


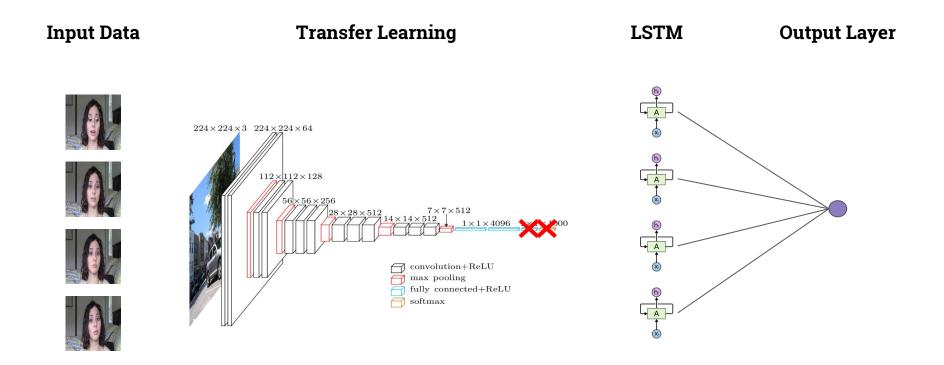


#### **Input Data**

#### **Transfer Learning**





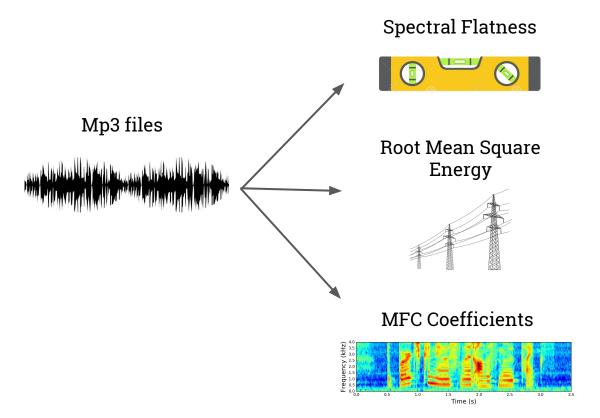


### **Audio Model**

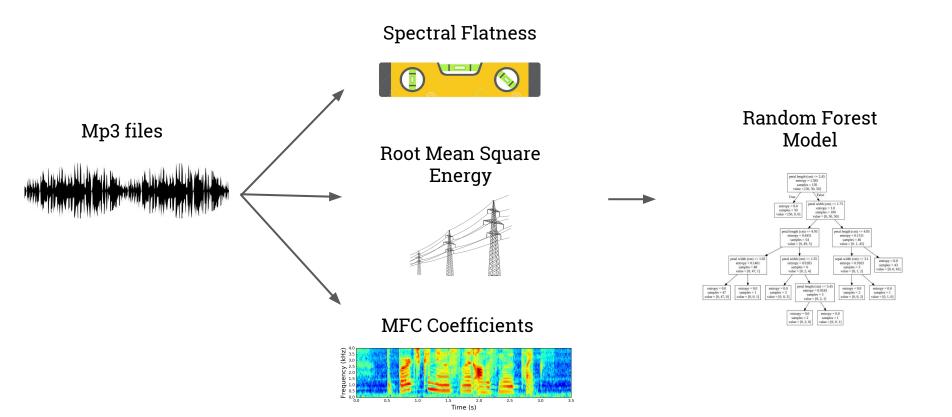
Mp3 files



### **Audio Model**



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#### Transcripts

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('Ewe. But yeah, some people been 'asking me if I still like One '"Direction. Yes. I'm still like in "'love with One Direction. Have you 'mheard they're like...")
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#### Indices for Word Embedding

[113618, 33, 12722, 78, 68, 42, 1707, 170, 88, 151, 87, 45, 2108, 3602, 151, 87, 1, 746, 8, 45, 2108, 21, 43, 997, 32, 1235, 87]

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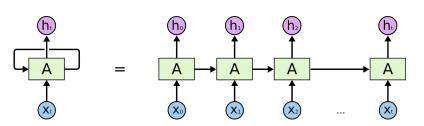
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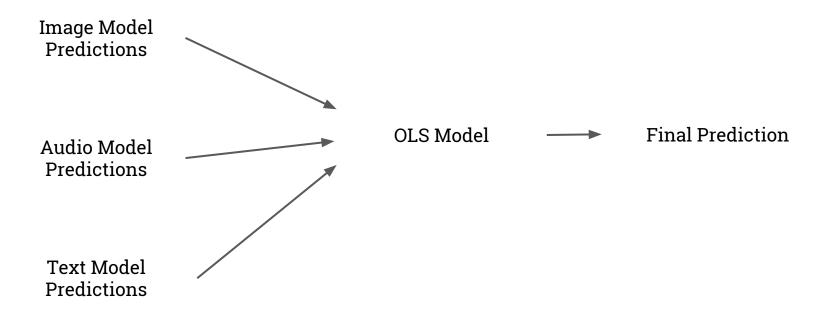
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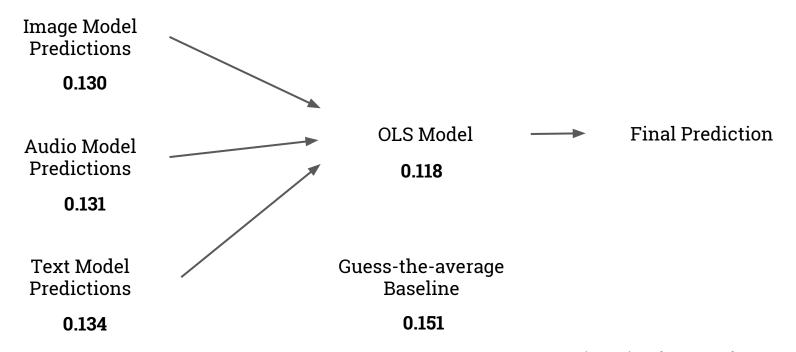
#### LSTM



### **Bring It All Together**



## **Bring It All Together**







### **Overall Score**

.46

**Image Score** 

.47

**Audio Score** 

.46

**Text Score** 

.52





### **Overall Score**

.57

**Image Score** 

.54

**Audio Score** 

.50

**Text Score** 

.58

# **How This Can Help?**

1) Job Seekers

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- 1) Job Seekers
- 2) Recruiting Teams

### How This Can Help?

- 1) Job Seekers
- 2) Recruiting Teams
- 3) Anyone else who needs to make a good first impression

# Thank you



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