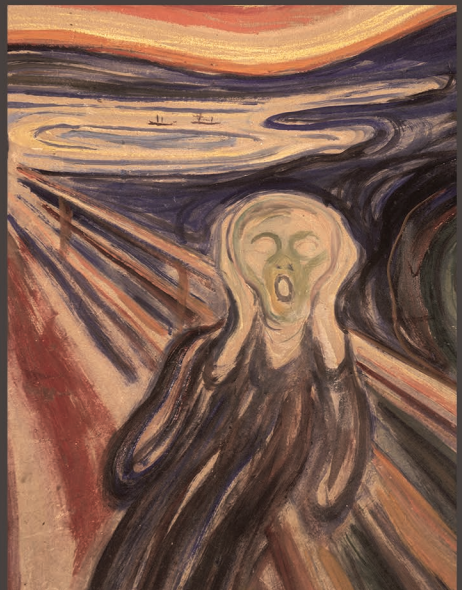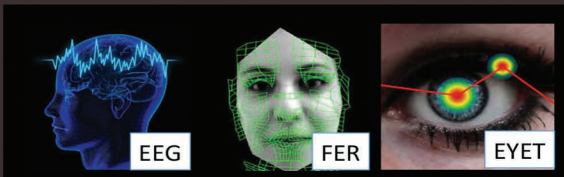# Are you a **Pokerface?**

Let's build a Word Emotion Detector

Imagine you come across a sentence like: *the traffic flow is fat and green* while reading a news article on Doha traffic. You will most likely be **confused** or even **shocked** by this sentence. Right at that moment, your **facial expressions** will reveal your emotions and your brain activity will reflect your **struggle** to make sense of this sentence.

We want to detect emotions, such as **confusion** and **shock**, from people's **facial expressions and brain activities** when they read sentences that are hard to understand.

To solve this problem, we will explore and use the latest consumer-level technology:
* EyeTribe (eye-tracking),
* Emotiv EPOC (electroencephalography [EEG]),
* Microsoft Kinect (facial expression rec. [FER]).

We look for 3 to 4 highly motivated CS/IS students to join our internship project. If you:

* Like to break things apart (and put them back together) just to see how they work;
* Like electronic gadgets and look for new, exciting applications for them;
* Like to collaborate with others and work in a group;
* Have good programming skills (Python, NodeJS/JS, Matlab);
* Have experience in machine learning (optional);

Then this internship is for you!

Seems daunting? Don't worry! We will accompany you through hard stuff.

We are a team of experienced mentors:
Francisco (Paco) Guzman
Ferda Ofli
Irina Temnikova

for more information:
send an email to **fguzman@qf.org.qa**
or visit **http://bit.ly/1sbrsJl**

Deadline: 11 April 2015