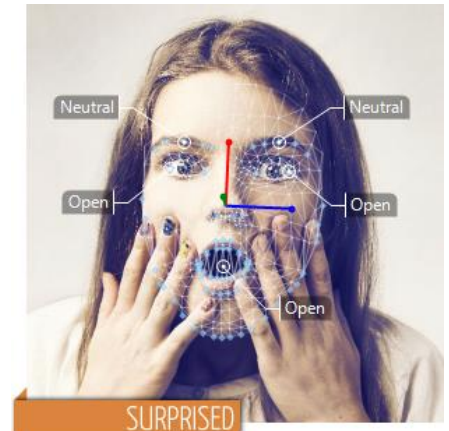# Data Analyst Internship

(Face Physiological Signals: Automated Facial Expressions Analysis) – VicarVision, Amsterdam, NL

VicarVision (Amsterdam, Netherlands) is a private R&D company developing state-of-the-art artificial intelligence solutions. VicarVision is the developer of **FaceReader®** - world's first tool capable of automatically analyzing facial expressions, providing users with an objective assessment of a person's emotion.

Job Description

You will need to develop advanced statistical measures of FaceReader continuous physiological output. We want to analyze multi-dimensional and continuous temporal patterns of - **facial expressions**, - **skin color changes** and - **eye movements**. You will need background in programming, statistics and writing scripts to handle/manipulate large data. You will be guided by a machine vision engineers and behavioral scientists in order to meaningfully interpret the data. You will work in an international and dynamic team. Here you may find an example of a video with aggregated continuous data with temporal patterns to be analyzed: http://goo.gl/8iHkDS and an example of an output file http://goo.gl/W3HsQL.

Ideal candidate:

- Graduate (or Master-level student) in
  Data Sciences / Statistics / Business Informatics / Artificial Intelligence / Mathematical Psychology
- Technical skills: time series analysis, data mining, programming skills, scripting
- Good ability to work independently
- Excellent English

We offer:

- Full-time R&D assistant position for 6 months with possibility of extension
- Small monthly reimbursement (400€)
- Training in use of advanced scientific software
- Work experience in the innovative field of remote emotion sensing
- Authorship on peer-reviewed international publications
- Possibility of writing the thesis

Relevant links:
http://www.vicarvision.nl/
http://www.noldus.com/human-behavior-research/products/facereader

Deadline: May 04, 2014.

The incoming applications will be assessed on continuous basis. An interview using Skype is a possibility.

Starting date: August/September, 2014

If you are interested, please send your **CV** and a **cover letter** to:

Peter Lewinski, Research Fellow (Marie Curie)
peter.lewinski@vicarvision.nl

VicarVision
Singel 160, 1015AH Amsterdam

We do not offer accommodation.