

Senior Algorithms Engineer

TruMedia Measurement Ltd. (www.tru-media.com) is looking for a highly motivated individual to join its advanced algorithms team and develop advanced pattern recognition algorithms in real time video feeds. In this position the individual will be in charge of advanced algorithms development R&D group, with the opportunity to meet interesting challenges, come up with creative solutions in a constrained problem space and make an impact on the entire product offering of the company.

Technology Description:

TruMedia is a leading provider of real-time, automated audience measurement and targeted advertising solutions for the out-of-home display industry. It's proprietary video analytics technology measures visual attention towards digital signs, kiosks, TV monitors, branded fixtures, display windows, end-caps and in-store product displays. The company's solutions accurately track exposure to media and advertising and can be used to proactively change content.

Position Description:

- Reporting to VP R&D
- Design and develop the company's next generation capabilities for its core products.
- Design algorithms for crowd measurement, face detection, feature detection in real time live video.
- Integrate customer requirements for customer recognition features and audience measurement capabilities into the product line.
- Design and implement proof of concept for advanced capabilities
- Interfacing with hardware, QA and marketing teams to ensure correct implementation in the product which meets the customer's requirements
- Work with global client's engineering teams to assist in integration

Skills:

- Algorithms Development – Pattern recognition in live video
 - Deep Learning Neural Networks – **a must**
 - Classifiers – **a must**
 - Machine learning – **a must**
 - Motion Recognition
 - Digital image processing (movement detection, HDR, low light, etc.)
 - Developing for realtime embedded applications
 - DSP algorithms – **An Advantage**
- Development Environments
 - Visual C
 - Visual C++
 - C#
 - Matlab
 - Java
 - Python
- 3-5 Years experience – **a must**

Personal skills:

- Excellent interpersonal and communication skills including verbal and written communications in English
- Highly motivated with CAN DO approach
- Quickly adaptive to changing environment and requirements
- Hands-on
- Working in Agile environment – **An Advantage**
- Working with multinational customers in English
- Enthusiastic to learn and acquire knowledge
- Willing to travel abroad