B.Sc./M.Sc. Graduate Project (February 2015)

**Computer Vision on Embedded Platform**

**Markov and Conditional Random Fields**

**Goal:** An algorithm or fast implementation to optimize conditional and Markov random fields.

**Techniques:** Image Processing, Computer Vision, Embedded Devices.

**Context:** Random fields are used in many applications: dehazing, segmentation, denoising.

**Siqura B.V.** is located in Gouda and provides advanced video surveillance solutions including IP cameras, video encoders, network video recorders, fiber equipment, video management and video-content analysis (VCA) software.

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