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To whom it may concern

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CERTIFICATE OF RECOMMENDATION

It is a pleasure to write this certificate for

Mr Along Tantai, (born 1988-05-12)

I came to know him from his time as student in the courses **Image Analysis**, and **Computer Vision in 3D** given by my research group in autumn 2012, which he passed successfully. Additionally, I had the opportunity to observe him in the excellent team-work of a student project on robot-navigation where he participated. He is currently finishing his final (MSc) project work on

effortless facial gestures for infotainment systems
in my group and under my supervision.

In the MSc project, he has been contributing to our research to my great satisfaction. His project is about analysing lip-motion (e.g. as in speech) and eye-motion (e.g. as in blinking) to decode messages conveyed by facial motion. Possible applications include (silent or voiced) dictation, (silent or voiced) control of vehicle functions without leaving driving wheel, and numerous other human machine interfacing systems.

The first two courses mentioned teach advanced concepts in signal analysis, which are also offered as PhD courses (with different examination) to Halmstad University doctoral students. In particular they stress in-depth understanding of the theory as well as its correspondence with applications involving major topics of image understanding. The latter course gives to students a hands-on experience on embedded systems, sensors, including 2D sensors such as cameras

Mr. Tantai exhibited exceptional diligence, and curiosity to deepen his skills and understanding of the learning objectives, knew how to honor the established goals in projects, meanwhile demonstrating ability to cooperate with peers as well as supervisors effectively. Accordingly, it is my pleasure to recommend him for any engagement.

J. Bigun