Curriculum Vitae

Name: Farouk Yahaya | **Email**: farouk.yahaya@cse.uist.edu.mk | **Skype**: fadams20 | **Tel**: +233555296816

Education

1. **MSc. Information Science & Technology** (Jan 2017), **GPA**: 9.5/10
   University of Information Science & Technology, Ohrid Macedonia.
   Supervisor: Assistant Prof. Carlo Ciulla
   Master Thesis Title: *The determination of an optimal mathematical form of an edge detector: Applications in 2D image processing.*
2. **BSc Communications Network & Security** (July 2014) **GPA**: 8.77/10
   University of Information Science & Technology, Ohrid Macedonia
3. **High School Diploma**, General Science (May 2009)
   Tema Secondary School, Tema Ghana

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Research and Work Experience

1. **Research Assistant,** *University Information Science & Technology, (Oct. 2015 – Jan. 2017)*
2. **Teaching Assistant** *Tamale Polytechnic, (July 2014 – Dec 2014)*
3. **Researcher,** *Image Processing Group (IPG), UIST, Ohrid, Macedonia (Nov. 2013 – June 2014)*
4. **IT Internship**, *Vodafone, Ghana, (May 2013 -Sept. 2013)*

Technical Skills

1. OS: Microsoft Windows, Mac
2. Programming languages: C, C++, C#, Matlab
3. Office automation softwares: LaTeX, TeX
4. Others (JavaScript, HTML, CSS, ASP.net, Joomla, Wordpress, AngularJs, Ionic Framework)

Conferences

1. 8th International Conference ICT Innovations 2016, Ohrid, R. Macedonia

Professional Membership and Activities

1. Reviewer, Biomedical Signal Processing, and Control, Elsevier *(2016 - Present)*
2. Member, IEEE *(2013-Present)*

Publications

1. **Yahaya, F.** The Calculation of the First Order Derivative of Two Dimensional Images: Theory and Edge Finding in Magnetic Resonance Imaging Applications. (Accepted): *International Journal of Applied Pattern Recognition.*
2. Ciulla, C., **Yahaya, F.**, Adomako, E., Shikoska, U. R., Agyapong, G., Veljanovski, D., & Risteski, F. A. (2016). A Novel Approach to T2-Weighted MRI Filtering: The Classic-Curvature and the Signal Resilient to Interpolation Filter Masks. *International Journal of Information Engineering and Electronic Business*, 8(1), 1.
3. Ciulla, C., Risteski, F. A., Veljanovski, D., Rechkoska, U. S., Adomako, E., & **Yahaya, F**. (2015). A compilation on the contribution of the classic-curvature and the intensity-curvature functional to the study of healthy and pathological MRI of the human brain. *International Journal of Applied Pattern Recognition*, 2(3), 213-234.

References

1. Assistant Professor Carlo Ciulla, *email: carlo.ciulla@uist.edu.mk*
2. Assistant Professor Bhupendra Nath Tiwari, *email: bhupendra.tiwari@uist.edu.mk*
3. Assistant Professor Etienne Schneider, *email: schneider.etienne@uist.edu.mk*

Hobbies

1. Reading 2. Taking long walks 3. Playing Computer Games 4. Hiking