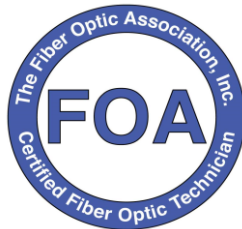




**COULIBALY Yahaya**  
**Nationality: Malian**  
**Marital statue: Married, father of three children**

***Current Address***

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**Education**

- |      |   |
|------|---|
| 2011 | Ph.D in Computer Science, Universiti Teknologi Malaysia (UTM), Malaysia   |
| 2002 | Masters of Science in Communications and Network Engineering, University Putra Malaysia (UPM), Malaysia                             |
| 1999 | Bachelor of Engineering (Honor) in Computer and Information Engineering, International Islamic University Malaysia (IIUM), Malaysia |

## Working Experience

- 2006 – 2008 Director of Infrastructures and Development, Agency of ICT, Ministry of Communication and ICT
- 2005–2006 Network administrator at the Agency of ICT (ex-MINTI) an Agency of the Ministry of Communication and ICT, Agency of ICT
- 2004 - 2005 Network administrator at the Mission of Computer and New Technologies an Agency of the Ministry of Communication and ICT, Agency of ICT (MINTI)

## Responsibilities

- Servers configuration and management
- Clients configuration
- Router configuration (Cisco)
- Site supervision
- Networks designs

- 2004 System Analysis **Lecturer** at **ISTA Techno lab**, Bamako Mali
- 2003 Basic Computer, Networks and Digital Logic Design **Lecturer** at **ESTM**, Bamako Mali
- 2002 - 2003 Computer Studies **Teacher** at International Islamic School (IIS), Gombak, Malaysia
- 2001 - 02 Tutor [Data structure using C++] at Universiti Putra Malaysia; Faculty of Engineering, Department of Computer and Communication Systems Engineering
- 2001- 02 Home tutor Math IGSC O level
- 2000 Computer Engineer at BMA *International SA*, Mali from February to June  
System Engineer (Trainee) at ANSI Sdn. Bhd. Malaysia, (now known as **enCoral Digital Solutions Sdn. Bhd**), from June to August.
- 1998 Technical Engineer (Trainee) at Brunsfield IT. Malaysia, from June to September.
- 1997 – 1998 Sales Executive at Enginus Technology (EngiTech) Faculty of Engineering, International Islamic University, (IIUM) Malaysia

**Training**

- 2007 Alvarion WiMax Infrastructures (Base Station and Clients) Installation and Configuration Certification
- 2006 Alvarion BreezeAccess VL and Breeze Net-B Specialist Certification
- 2006 ITU Telecom Network Cost Evaluation Software
- 2005 Cisco PIX Installation and Configuration
- 2005 Cisco Routers Installation and Configuration
- 2004 System and Network Administration under Linux Operation System (Redhat)

- **Languages Skills**

In addition to Mali National languages: Bambara and Senoufo, I understand the following languages:

<b>Languages</b>	<b>French</b>	<b>English</b>	<b>Arabic</b>	<b>Bahasa Malaysia</b>
<b>Proficiencies</b>				
<b>Speaking</b>	Advanced	Advanced	Advanced	Intermediate
<b>Reading</b>	Advanced	Advanced	Advanced	Beginner
<b>Writing</b>	Advanced	Advanced	Advanced	Beginner

**Professional Certificates**

- 2010 Certified Fiber Optic Technician (FOA- CFOT)
- 2006 Alvarion BreezeAccess VL and Breeze Net-B Specialist certified
- 2005 Certificate of accomplishment: Linux Red hat Configuration and Administration
- 2002 Certificate of accomplishment: Linux Red hat Configuration and Administration
- 1999 Microsoft Certified Professional (MCP).
- 1999 Certificate of Achievement from ANSI for successful completion of Solaris 2.6 Training
- 1997 Certificate of Achievement from Tran-Dist Engineering Malaysia for obtaining overall best results using synopsis

## Awards

- Best paper award during PCRG-PARS 2011, FSKSM UTM
- IDB Merit Scholarship for Ph.D

## Areas of Interest

My research and teaching interests are but not limited to:

- Computer networks and communication
- Fiber optic networks and communication
- Mobile and wireless communication

## Publications

1. **Y. Coulibaly**, M. S Abd Latiff, A.B. Mohammad, "*A Review of Routing Strategies for Optical Burst Switched Network*". International Journal of Communication Systems, IJCS. Published online, September 2011. IF: 0.22.
2. **Y. Coulibaly**, M. A. L. Shafie, A.B. Mohammad, E. Hassan, Performance Analysis of WDM Mesh Hierarchical Time Sliced Optical Burst Switched Networks. Jurnal Teknologi Special Edition (Optoelectronics & Optical Communication). Vol. 55, Pages: 1-16, May 2011. Indexed in Scopus.
3. **Y. Coulibaly**, M. S Abd Latiff, A.B. Mohammad and E. Hassan, "*Performance Analysis of a Single- node Hierarchical Time Sliced Optical Burst Switching (HiTSOBS) Networks*". International Journal of Innovative Computing [IJIC], Issue 1. Volume 1 2011. Indexed in: Google Scholar.
4. Mohammed Bakri Bashir, Muhammad Shafie Bin Abd Latiff, Aboamama Atahar Ahmed, **Yahaya Coulibaly** , Abdul Hanan Abdullah and Adil Yousif. "*A Hybrid Resource Discovery Model for Grid Computing*", International Journal of Grid Computing & Applications (IJGCA) Vol.2, No.3, Pages: 1-12. September 2011. Indexed in: Google Scholar
5. A.M. Umaru, M.S. Abd Latiff and **Y. Coulibaly**. "*Segmentation-based On-Demand Burst Rescheduling Algorithm for Optical Burst Switched Networks*", International Journal of Computer Communications and Networks (IJCCN). Volume 1, Issue December 2011.
6. **Yahaya COULIBALY**, Muhammad Shafie Abd latiff, Ali Selamat," *A Novel Routing Optimization in Optical Burst Switching Networks*", Second International Conference on Communication Theory, Reliability, and Quality of Service (CTQR 2009), 20-25 July 2009, Colmar, France.
7. **Yahaya COULIBALY**, Muhammad Abd Latiff SHAFIE, Abu Bakar MOHMMAD, "*An Ant Based Route Optimization Algorithm for Optical Burst Switched Networks*", Proceedings of 2009 IEEE International Conference on Antennas, Propagation and Systems (INAS 2009), 3-5 Dec. 2009, Johor, Malaysia
8. **Y. Coulibaly**, M. S Abd Latiff, A.B. Mohammad and Abubakar Muhamad Umaru , "*Priority-based Time Slot Assignment Algorithm for Hierarchical Time Sliced Optical Burst Switched Networks*" In the proceedings of The Sixth International Conference on Systems and Networks Communications. Pages: 199- 205. October 23-29, 2011.Barcelona, Spain. Indexed in: Scopus, IEEE Xplore and Google Scholar.

9. **Y. Coulibaly**, M. S Abd Latiff, A.B. Mohammad and Nuno Manuel Garcia dos Santos "The effect of Time Slot Parameters on Slotted Optical Burst Switched Networks". In the Proceedings of 17th Asia-Pacific Conference on Communications (APCC). 2-5 October 2011, Kota Kinabalu, Sabah, Malaysia. Indexed in: IEEE Xplore
10. **Y. Coulibaly**, M. S Abd Latiff, A.B. Mohammad and Nuno Manuel Garcia dos Santos "A Review of Time Domain Switching Optical Burst switched Networks". To be published in the Proceedings of ICCIT 2012 1st Taibah University International Conference on Computing and Information Technology Al-Madinah, 12-14 March 2012. Al-Munawwarah, Saudi Arabia. Indexed in: IEEE Xplore

### **References**

1. Associate Prof. Dr. Muhammad SHAFIE, Deputy Dean Academic Affairs, faculty of computer Science and Information Systems; lecture at Dept of Computer Systems and Communication Email: [shafie@utm.my](mailto:shafie@utm.my)
2. Prof. IR. Dr. Abu Bakar, Dean of Infocomm Research Alliance (ICRA) and Professor at the Faculty of Electrical Engineering, UTM. Email: [bakar@fke.utm.my](mailto:bakar@fke.utm.my)
3. Prof Dr. Borhannudin Mohd Ali. Faculty of Engineering, Department of Computer and Communication System Engineering. Universiti Putra Malaysia (UPM). Email: [borhan@eng.upm.edu.my](mailto:borhan@eng.upm.edu.my).
4. Prof. Dr. Mohd Khazani, CTO of Sigtech SND. BHD  
Email: [khazani@sigtech.com.my](mailto:khazani@sigtech.com.my)

### **Hobbies**

Reading and sports

**Johor Bahru April, 2012**