EWAKI J.LAURENT MASUMBUKU
Department of Computer Science
Faculty of Science
University of Cape Town (UCT)
Office: Room 300
Computer Science Building
P/b 7701
Rondebosh
Cape Town South Africa

42 dochester drive parkland cape town
7441

Phone: +27 21 650 40 57
Cell   : +27 78 7678 387
or +2712 812 24220
E-mail: ewaki_masumbuku@yahoo.co.uk
        Ewakimasumbuku @gmail.com

EWAKI JEAN LAURENT MASUMBUKU
MASTER STUDENT IN INFORMATION TECHNOLOGY (UNIVERSITY OF CAPE TOWN)

Personal Information :

* Marital status : Married
* Sex   : Male
* Nationality   : Congolese
* Age   : 32 years old
* Place of birth : Kinshasa D.R.C.

I. EDUCATION BACKGROUND

1986 - 1993 State Diploma	*INSTITUT LISANGA* in Sciences option Maths & Physics (equivalent of Matric)	*MATADI- DRC*
1993 - 1996 BSc	*INSTITUT SUPERIEUR DE COMMERCE* *(equivalent to advanced School of commerce)* in Information System	*KINSHASA – DRC*

1999 - 2004	*INSTITUT SUPERIEUR DE COMMERCE* *(equivalent to advanced School of commerce)*	*KINSHASA – DRC*
BSc Honours	in Information System (Option System Design and Networks)	
FEB 2005-OPEN	*UNIVERSITY OF CAPE TOWN*	*CAPE TOWN – RSA*
MSc	Information Technology	
DEC 1997	*UNIVERSITY OF KINSHASA*	*KINSHASA – DRC*
Certificate	"Docimology" or University' s pedagogy	
2001 - 2002	*AFRIPA TELECOM DRC*	*KINSHASA -DRC*
Certificate	Database & Networks Administrator of the Telephone Switch Eagle (course lectured by engineers from EAGLE TELEPHONIC INC, (USA))	
2003 – 2004	*SADC COMMUNICATION*	*KINSHASA – DRC*
Certificate	Database & Networks Administrator of the Wireless Switch. (Course taught by engineers technicians from MULTISOURCE , RSA)	
JAN – FEB 2006	*UNIVERSITY OF CAPE TOWN*	*CAPE TOWN – S.A.*
Certificate	Training workshop in Tutoring Skills for Computer Literacy courses	

II. PROFESSIONAL QUALIFICATION

System analyst
Database & Networks Administrator
Commercial & financial analyst
Information Systems Expert
Telecoms technician Expert
Software Designer Engineer
University Lecturer

III. MANAGEMENT DEVELOPMENT COURSES

Management Information Systems & Knowledge Management Systems.
Systems Analysis & Design
Database & Networks Management
Microsoft Office, Internet & email
SSAM, Select enterprise, (Systems analysis Methodology)
Programming with Visual Basic, Visual Dbase, C, C++, JAVA, HTML, XML
Database Management (Sql) with Oracle 10g , MySql, MS Access
Networking in windows 2000 & Novel

IV. MAJOR COURSES

FIRST YEAR MAJOR COURSES (BCom)

- General Accounting   - Introduction to informatics

- Mathematic I   - Logic
- Commercial arithmetic   - Psychology
- Commercial Documentation   - Civil Right
- Commercial & Administrative Correspondence   - Zaire's economic
- English I   - Statistic I
- Sociology

SECOND YEAR MAJOR COURSES (Bcom – IS)

- English II   - Statistic II
- Commercial Right   - Mathematic II
- Social Legislation   - Programming Language:
                                                          * COBOL I
- Sciences & Techn. Of Fiscality   * BASIC I
- Politic Economy   - Algorithmic I
- Management
- Money & Credit   -Systems Analysis and
                                                          Design I
- Business Accounting
- Exploitation & Analytic Accounting
- Research Methods

THIRD DEGREE MAJOR COURSES (Bcom – IS)

- Business Ethics   - Programming Language:
- Banking Operations   * COBOL II

- Public Financial Management   * PASCAL
- Financial Analysis   * DBASE IV
- Budget Management   - Systems Analysis
- Marketing   & Design II
- Accounting Expertise   - Operating System
- Internship   - Database Management
- Thesis   - Informatics Seminar

FOURTH YEAR MAJOR COURSES (BSc Honours)

- Political Economic II   - Doctrines & Theory
     Economic
- General Mathematics   - Human Resources
- Complement about Statistics   - Congolese's Economic
- National Accounting   - Commercial English
- Quantitative Methods   - Accounting System
- Long Term Financial Management   Compare
- Macroeconomics   - Management & Accounting
- Research Methods   Seminar
- Philosophy & Ethics

FIRTH YEAR MAJOR COURSES (Bcom – I.S. [Honors])

- Probability Theory & Information   - IT Centre Management
- Operational Research   - Computer Networks I
    - Advanced Systems Designs
     & Analysis Project
    - Software engineering
    - Information System
     Seminar
    - Artificial Intelligence &
     Expert System
    - I.S. Lab (practice)
    - Analyze Flowcharts
    - Advanced Database
     Management
    - I.S. Audit

V. PROFESSIONAL EXPERIENCE (FULL-TIME)

YEAR	1996-1997	KINSHASA – DRC
Company	SNEL - NATIONAL FIRM OF ELECTRITY -DRC	
Post	Information Systems Expert & Financial Assistant	
Management	-Financial Management using MS Excel worksheet	

development Courses	- System Analysis & Design - Dbase IV and Visual Basic 6.0	
Duties	-Manage all financial operations (treasure, accounting, budget) using Excel to produce the everyday financial management documents - Design ,Implementation & Maintenance the Financial Management Application in Dbase IV - Centralize all Financial computerization. - Training all Financial staffs about computerization	

YEAR	**1997 – 2005 (ON STUDY LEAVE)**	KIN - DRC
Company	**ISC- KIN (Advanced School of Commerce – Kin)**	
Post	**Lecturer**	
Management development Courses	- Programming Language: Basic, Visual Basic, Dbase IV, Visual Dbase, COBOL, C, Pascal etc. - Operation System: Windows 2000, XP, 2000 Server, Ms-Dos, etc. - Systems Design & Analysis: Case Studies - IT Skills: MS Word, Excel, Power Point, Access	
Duties	- Responsible of Practical courses in Computer Science and Information System for financial management and Marketing - Assist the new enrolled students with lack of I.S knowledge to be able to do programming, Operating System and use the IT skills	

YEAR	**1998-2000**	KIN- DRC
Company	**ISC- KIN (IT OFFICE)**	
Post	**Coordinator Assistant**	
Management development Courses	- Programming Language: Dbase IV & Visual Dbase - MS Excel	
Duties	- Design, implement & maintain the Academic Management Software - Centralize & maintain all institute database (academic, financial & Administrative)	

YEAR	**2001 - 2003**	
Company	**AFRIPA TELECOM DRC**	DRC
Post	**Database & Networks Administrator & Expert Technician at Switch Room**	
Management development Courses	- Windows NT Server, Windows XP - Sql Server	
Duties	- Manage the database and Networks of the Switch	

	- Receive the incoming call from the customer in problem - Create and install a new Telecom operator - Maintain the interconnexion between all operators - Trained other technicians to use the Eagle Switch	

YEAR	**2003 – 2004**	DRC
Company	**SADC COMMINICATION**	
Post	**Database & Networks Administrator** **& Expert Technician at Switch Room**	
Management development Courses	- Linux , Windows XP - SQL Server - Wireless Management	
Duties	- Install and Maintain the Radio Local Loop - Management of the Wireless Switch - Receive the incoming call for customer in trouble - Manage the Database (pin numbers) and Network of the Wireless Switch	

YEAR	**AUGUST 2002-2004**	
Company	**TELCOM DRC(JOINT VENTURE WITH AFRIPA DRC)**	DRC
Post	**Coordinator Assistant**	
Management development Courses	- Programming Language: Dbase IV, MS Access - Windows 2000 - Switch Eagle	
Duties	-Design, Implement & Maintain the application on management of the traffic for the telephone switch - Testing code	

YEAR	**DEC 2002- 2004**	KIN - DRC
Company	**TELCOM DRC (JOINT VENTURE WITH AFRIPA DRC)**	
Post	**Commercial Director Assistant**	
Management development Courses	- Programming Language : Dbase IV & Visual Basic - MS EXCEL - Switch Eagle and Radio Local Loop System	
Duties	-I.S. Expert & Commercial responsible of interconnections and dealers - Responsible of the billing system	

YEAR	**2003-2004**	KIN - DRC

Company	**ISC- KIN (IT OFFICE/SECRETARY SECTION)**	
Post	**COORDINATOR**	
Management development Courses	- Programming Language: Dbase IV, Visual Dbase, Basic, Visual Basic 6.0 - Ms Excel and MS Word	
Duties	- Centralize all academic, financial and administrative database of the Section Secretary - Design, implement & maintain the Section Management Application	

VI. OTHER PROFESSIONAL EXPERIENCE (PART-TIME)

YEAR	**1995 - 1996**	KIN – DRC
Company	**BIA MUAMBA INFO (IT TRAINING SCHOOL)**	
Post	**Trainer**	
Duties	- Teach people without IT knowledge to be able to use IT	

YEAR	**1997 - 1998**	KIN – DRC
Company	**CYBER COMPUTER TRAINING (COMPUTER SCIENCE TRAINING SCHOOL)**	
Post	**MANAGING DIRECTOR (FOUNDER)**	
Duties	- Coordinated all activities - Assist the trainer and teach them as well	

YEAR	**2000 - 2001**	BRAZZA-CONGO
Company	**AITECH CONGO (IT & training school company)**	
Post	**Technical Director**	
Duties	- Supervise all technical problem - General manager advisor - Staffs trainer - Webmaster - Website designer responsible OF www.congoway.com	

YEAR	**2000 - 2004**	DRC & CONGO
Company	**LAMAS & SON'S S.P.R.L (IT & MANAGEMENT COMPANY)**	
Post	**MANAGING DIRECTOR (SOLE SHAREHOLDER)**	
Duties	- Supervising all operations in the firm - Doing the personal trainer in : * Business Computing, Leadership & Financial and Commercial Management for leaders and business Mans	

YEAR	JANUARY 2006 - OPEN	CAPE TOWN - RSA
Company	**UNIVERSITY OF CAPE TON**	
Post	**Head Teaching Assistant (Health Sciences Faculty)**	
Management development Courses	- Ms Office (Word, Excel, Power Point, etc) - Internet , email, Netg, WebCT - MS Windows XP, 2002	
Duties	- Lecturing Computer Applications for specific Medical school courses - Supervising all the Teaching Assistants	

VII. MASTERS DEGREE MAJOR COURSES

YEAR	ANALYSIS/DESIGN DATABASES PROGRAMMING- NETWORK	
FEB 2005-OPEN	**UNIVERSITY OF CAPE TOWN / COMPUTER SCIENCE DEPARTMENT**	
COURSES	Software Engineering	
	Database Management System (using Oracle, MySQL, MS Access for SQL)	
	Object Oriented Programming in JAVA	
	Advanced Programming in JAVA	
	Web Programming	
	Computer Networks	
	Research Methods	
	Cyber Law and Ethics	
	Human Computer Interaction (HCI)	
	Research in Digital Divide for developing county	

VIII. OTHER SKILLS AND ABILITIES

- Able to change easily an adapt to a new environment and field
- Good experience in programming: Algorithmic, Visual Basic, Visual Dbase, Java, C, C++, Html, Xml, Oracle 10gi, MySql, etc.
- Good Experience in Windows Operating Systems (Windows 2000, Windows Me, Windows NT Server 4.0
- Good experience in Projects design and analysis, as well Software Development
- Good Experience in Marketing , Commercial & Financial Management
- Experience in Database Administration
- Experience in Networks Administration

IX. PUBLICATIONS

1. **CONCEPTION ET REALISATION D'UNE BASE DE DONNEES POUR LA BONNE GESTION FINANCIERE. CAS DE LA SNEL- DDK, TFC, 1996**   DESIGN AND IMPLEMENTAION OF DATABASE FOR A GOOD MANAGEMENT OF FINANCES. CASE STUDY: SNEK DRC, THESIS, 1996 [Submission for the Bcom- I.S.]
2. **SYSTEM D'EXPLOITATION DES MICRO-ORDINATEURS: LE S.E. MONOPROGRAMME, MS-DOS (COURS INEDIT, ISC-KIN) 1997**   PERSONAL COMPUTERS OPERATING SYSTEM: THE MONOPROGRAMMING O.S. MS-DOS (UNPUBLISHED COURSE, ISC-KIN, 1997
3. **ELEMENTS D'ALGORITHMIQUES, ED. CRIGED-ISC, JAN 2003, 150 PAGES**   ELEMENTS OF ALGORITHMIC, ED. CRIGED-ISC, JAN 2003, 150 PAGES (My first University's publication with Prof. Mvibudulu Kaluyit)
4. **MON PREMIER CONTACT AVEC LA PROGRAMMATION, ED.CRIGED-ISC, JUIN 2004, 80 PAGES.**   MY FIRST CONTACT WITH PROGRAMMING, ED. CRIGED-ISC, JUNE 2004, 80 PAGES (My second University's publication)
5. **INITIATION A L'UTILISATION DE L'INFORMATIQUE, TOME 1: LES BASES DE L'INFORMATIQUE , ED. CRIGED-ISC, AVRIL 2003 (SOUS – PRESSE)**   INITIATION TO COMPUTERS OPERATION, VOL. 1: COMPUTERS BASICS, ED. CRIGED-ISC, APRIL 2003 [Under printing] (My 3rd University's publication with Prof. Mvibudulu Kaluyit)

X. PROJECTS

6. **LE SYSTEM D'EXPLOITATION DES ORDINATEURS**   COMPUTERS OPERATING SYSTEMS (PROJECT OF MY 4TH PUBLICATION WITH PROF. MVIBUDULU KALIYIT)
7. **LE MARKETING AUJOURD'HUI**   MARKETING TODAY (PROJECT OF MY 5TH PUBLICATION WITH ASS. PROF. WILLY IKANHSA K.

XI. REALISATION

1. Participation at the installation of the telephone switch Eagle of Afripa Telecom DRC
2. Participation at the installation of Radio Local Loop Network for Wireless, fro SADC Communication DRC
3. Co-founder of **GETRAF**, Application on the Telephone Switch Management
4. Co-founder of **GESTETUD**, Application on Academic Management of a University

XI. OTHERS PROJECTS

* Design of a Portal of Congolese Website and Database on the Net
* Design of **CONGOTECHNICS,** High flow Internet Provider
* Creation of the Association of Research Centre C.E.V.I.I.G for vulgarization of computers, Internet and Management (First in DRC)

XII. LANGUAGES

JE PARLE ET ECRIS CORRECTEMENT LE **FRANCAIS**	
I SPEAK AND WRITE	**ENGLISH**
NA LOBAKA MPE NA KOMAKA	**LINGALA**
MI NA SEMA TENA ANDIKA	**SWAHILI**

XIII. MISCELLANEOUS

- **H**OBBIES : JOGGING, NATATION, MUSIC, LIFTING WEIGHTS, COMPUTER SCIENCE, INTERNET, CINEMA, MOVIES, RESEARCH, PROGRAMMING AND WALKING

Referees

Professor Mvibudulu Kaluyit   **Dr. Michelle Kutel**
Head of Information System Dept.   **MIT/ Course- Convenor**
ISC- KINSHASA/DRC   **Computer Science**
Email: **UNIVERSITY OF CAPE TOWN**
Tel: + 243 81 81 14 330   **Email: mkuttel@cs.uct.ac.za**

Professor Tino Lolinga Longange   **Dr Audrey Mbogho**
Head of Commercial & Financial Dept. **Senior Lecturer/ Computer Science**
ISC- KINSHASA/ DRC   **UNIVERSITY OF CAPE TOWN**
Tel: +243 99 99 10 309   **Email: ambogho@cs.uct.ac.za**

I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Cape Town, 12 th January 2006

EWAKI JEAN LAURENT MASUMBUKU
Master Student in Computer Science (IT) / UCT