Phone

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ACCRA, Ghana E-mail: ivy.abu@gmail.com

Dr. (Mrs.) Ivy Abu (nee BONNEY)

Self-directed, enthusiastic graduate Quantity Surveyor and Professional Project Manager, having “hands-on” experience in consultancy services spanning measurement, contract administration, project management, Information Technology (IT) in construction as well as training of professionals in project management.

Active team member, able to establish quality relationships with fellow workers. Ability to work under pressure and meet deadlines. Dynamic, relishes challenges and demonstrates in-depth analytical and strategic ability to facilitate operational and procedural planning. Have a long-term career aspiration working as a Professional Quantity Surveyor, Renowned Project Manager, Academician and Researcher.

Date of Birth: 23/02/81 Nationality: Ghanaian

Place of Birth: Ukraine Republic Sex: Female

General

Marital Status: Married No. of Children: Two

Tel: Mobile: 00 233 266 001920 / 00 233 20 852 4533

Languages : High proficiency writing and speaking in English Language
 Low proficiency of speaking and writing in French Language

**Date of 1st employment:** 1st September 2011

Education

2005-2010 KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY,

KUMASI, GHANA

Ph.D. Building Technology

2000-2004 KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY,

KUMASI, GHANA

B.Sc. Hons (2nd Class Upper) Building Technology

1996-1998 HOLY CHILD SCHOOL, CAPE COAST, GHANA

Senior Secondary School Certificate Examination- Distinction

1993-1995 OLA GIRLS JUNIOR SECONDARY SCHOOL,

CAPE COAST, GHANA

Basic Education Certificate Exams - Distinction

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CURRENT

APPOINTMENT

PREVIUOS

APPOINTMENT

Continuous
Educational
Development

Scientific & Industrial conferences

LECTURER, DEPARTMENT OF CONSTRUCTION TECHNOLOGY & MANAGEMENT, KNUST, AUGUST 2020 TO DATE

HEAD OF DEPARTMENT, ARCHITECTURE - CENTRAL UNIVERSITY, FEB 2018 TO JULY 2020
Ag. HEAD OF DEPARTMENT, PLANNING - CENTRAL UNIVERSITY, SEP 2018 TO July 2020

LECTURER AND RESEARCHER IN CONSTRUCTION TECHNOLOGY, BUILDING AND ENGINEERING ECONOMICS, PROJECT MANAGEMENT AND ESTIMATING & SCHEDULING - CENTRAL UNIVERSITY COLLEGE, MIOTSO, GHANA - SEP. 2011 TO JULY 2020

ADJUNCT LECTURER IN MSc. PROJECT MANAGEMENT, DEPARTMENT OF BUILDING TECHNOLOGY, KNUST, AUGUST 2016 TO JULY 2020

PROJECT QUALITY MANAGEMENT REVIEW -35 Professional Development Units, PM Educate, Michigan, USA- APRIL 2018

CERTIFICATE IN ADVACNED STUDY OF PROJECT MONITORING AND EVALUATION, AACE Evaluation Training Institute, Oct. 2017 to Nov. 2017

PROJECT COST MANAGEMENT REVIEW -35 Professional Development Units, PM Educate, Michigan, USA- APRIL 2017

PROJECT MANAGEMENT REVIEW -15 Professional Development Units, PM Educate, Michigan, USA- AUGUST 2014

PROJECT TIME MANAGEMENT REVIEW -45 Professional Development Units, PM Educate, Michigan, USA- AUGUST 2014

PROJECT TIME MANAGEMENT REVIEW -15 Professional Development Units, PM Educate, Michigan, USA- DECEMBER 2011

PROJECT MANAGEMENT CORE CONCEPTS -15 Professional Development Units, PM Educate, Michigan, USA January 2010 - March 2010

PROJECT MANAGEMENT REVIEW -45 Professional Development Units, PM Educate, Michigan, USA September 2009 - March 2010

35 hours- Project Management Training, Merjja Technologies, Ontario Canada - October 2007.

Panel Member: Public Dialogue - Infrastructure Financing and Development, QS Annual Seminar, Peduase, Oct 2018.

Participant: 4th Ghana Renewable Energy fair (exhibition & Conference), AICC, Accra, Oct. 2018
Participant: Conference on value for money in construction of hospitals, schools and roads, Accra, June
2018

ARCOM Doctoral Workshop, - Ashesi University, Ghana - July 2016

1st International Postgraduate Research Conference on the Built Environment, KNUST, Kumasi- June
2010

Effective Researcher Course - TRANSKILLS, University of Edinburgh, Scotland- July 2006 ARCOM Doctoral Workshop, - Glasgow Caledonian University, Scotland - June 2006

Health and Safety Conference, Participant, Heriot Watt University, Scotland - June 2006 Visiting Scholar - Heriot Watt University, Scotland - April 2006 - August 2006

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Professional &Industrial
Experience

Construction of a Student’s Hostel facility for UMaT, Tarkwa, Ghana, a GMC funded project -

September 2004-July 2005

Employer - PROMANCON Consults (Part-time) Position - Assistant Quantity Surveyor

Duties:

 Re-measuring works and agreeing claims with contractor‘s Quantity surveyor

 Preparation of Bills of Quantities and other documents for the purpose of contract

administration

 Building up rates to be included in the schedule of rates

 Advice on tendering procedures and contractual arrangements

 Preparation of interim costing to ascertain the financial position of the project as work

proceeds and taking appropriate action where necessary.

 Preparation of programs of works, monthly progress reports for monitoring and

evaluation progress of projects
 Measurement of variations

 Gathering information on various costs of operations for use in future estimates.

Construction of three -storey office complex for Our Lady of the Holy Rosary Catholic Church, KNUST, Kumasi. Ghana - January 2005 - June 2008

Employer - Our Lady of the Holy Rosary Catholic Chaplaincy, KNUST (Community Service) Position- Assistant Quantity Surveyor

Duties:

 Preparation of Bills of Quantities and other documents for the purpose of contract

administration

 Re-measuring works and agreeing claims with contractor‘s Quantity surveyor

 Advice on tendering procedures and contractual arrangements

 Measurement of variations

 Gathering information on various costs of operations for use in future estimates

Demonstrating and Research Assisting - August 2005 - March 2006 Employer - Department of Building Technology, KNUST, Kumasi Position- Demonstrator

Duties:

 Assisting in teaching and research in Building Management and Computer Methods  Demonstrating

 Tutorial

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Professional & Industrial
Experience
Cont’d

Teaching and Research Assisting - August 2004 - 2005
Employer - Department of Building Technology, KNUST Kumasi

Position- Teaching Assistant (National Service Position) Duties:

 Assisting in teaching and research in Measurement of Construction works.  Tutorial

Academic and industrial internship of understudying Quantity Surveying Practices - Innovative Design Services & Men’s Consult - July 2002- September 2002

Position: Student Quantity Surveyor Duties:

 Site measurements

 Preparation of Bills of Quantities and other documents for the purpose of
 contract administration

 Building up rates to be included in the schedule of rates

 Preparation of programs of works, monthly progress reports for monitoring
 and evaluation progress of projects

 Measurement of variations

 Re-measuring works and agreeing claims with contractor‘s Quantity surveyor
 Gathering information on various costs of operations for use in future

estimates.

Academic and industrial internship of understudying Quantity Surveying Practices - Innovative Design Services & Men’s Consult - August 2001- September 2001

Position: Student Quantity Surveyor Duties:

 Site measurements

 Preparation of Bills of Quantities and other documents for the purpose of
 contract administration

 Building up rates to be included in the schedule of rates

 Preparation of programs of works, monthly progress reports for monitoring
 and evaluation progress of projects

 Measurement of variations

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Professional Training

Conducted

Training of forty (40) number professionals on Project Management Professional Certification Course and Examination Preparation - July 2016 to Date

Employer: KNUST, Department of Building Technology (PART-TIME)

Duties:

Facilitated 35 hours of project management in all knowledge areas

Training of Sixty-seven (67) number professionals on Project Management Professional Certification Course and Examination Preparation - February - May 2012

Employer: GIMPA Consultancy Service/ Blue Alliance (PART-TIME)

Duties:

Facilitated 35 hours of project management in all knowledge areas

Training of nine (9) number professionals on Project Management Professional Certification Course and Examination Preparation for AmalBank - February 2011

Employer - Promancon Ltd (PART-TIME)

Duties:

Facilitated 35 hours of project management in all knowledge areas

Training of twelve (12) number professionals on Project Management Professional Certification Course and Examination Preparation - January 2011

Employer - Merjja Technologies (PART-TIME)

Duties:

Facilitated 35 hours of project management in all knowledge areas

Training of three (3) number professionals on Project Management Professional Certification Course and Examination Preparation - November 2010

Employer - Merjja Technologies (PART-TIME)

Duties:

Facilitated 35 hours of project management in all knowledge areas

Training of forty-five (45) number professionals on Project Management Professional Certification Course and Examination Preparation - August - October 2010

Employer - Blue Alliance Ghana Limited (PART-TIME)

Duties:

 Facilitated knowledge in Initiating Process group area. Topics handled
 included: Develop Project Charter and Identify Stakeholders

 Facilitated knowledge in Cost, Human Resource, Communication and Risk Management

Training of fourteen(14) number professionals, Newmont Gold Ghana Ltd, on Project Management Professional Certification Course and Examination Preparation - July 2010

Employer - Blue Alliance Ghana Limited (PART-TIME)

Duties: Facilitated 35 hours of project management in all knowledge areas

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Professional Training

Conducted

Cont’d

Training of thirteen (13) number professionals on Project Management Professional Certification Course and Examination Preparation - August - September 2010

Employer - Regional Maritime University (PART-TIME)

Duties:

 Facilitated knowledge in Initiating Process group area. Topics handled
 included: Develop Project Charter and Identify Stakeholders

 Facilitated knowledge in Cost, Communication and Integration Management.

Training of six (6) number professionals on Project Management Professional Certification Course and Examination Preparation - July 2010

Employer - Merjja Technologies (PART-TIME)

Duties:

 Facilitated 35 hours of project management in all knowledge areas

Training of five (5) number professionals on Project Management Professional Certification Course and Examination Preparation - July - August 2010

Employer - Merjja Technologies (PART-TIME)

Duties:

 Facilitated 35 hours of project management in all knowledge areas

Training of thirteen (13) number professionals on Project Management Professional Certification Course and Examination Preparation - May - June 2010

Employer - College of Project Professionals (PART-TIME)

Duties:

 Facilitated knowledge in Initiating Process group area. Topics handled
 included:

Develop Project Charter, and Identify Stakeholders

 Facilitated knowledge in Planning Process group area. Topics handled included:
  Create Work Breakdown Structure, Collect Requirements, Define Scope,

Plan Human Resource, Estimate Cost, Develop Budget, Estimate Activity Durations, Estimate Activity Resources, Develop Schedule, Plan communication, Plan Risk management, Identify risk, Perform Qualitative Risk analysis, Perform Quantitative risk analysis, Risk response plan,

Plan procurement, Cost estimating and Budgeting, Plan Quality and Develop Project Management Plan

 Facilitated knowledge in Execution Process group area. Topics handled
 included:

 Acquire Project Team, Develop Project Team, Manage Project Team,
 Manage Stakeholder Expectations, Conduct Procurement, Perform

Quality Assurance, and Distribute Information.

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Professional Training of twenty-three (23) number professionals on Project Management Professional

Training Certification Course and Examination Preparation - January - March 2010

Conducted

Cont’d Employer - College of Project Professionals (PART-TIME)

Duties:

 Facilitated knowledge in Planning Process group area. Topics handled included:

 Plan Human Resource, Estimate Cost, Develop Budget, Develop Schedule, Plan
 Communication, Plan Risk management, Identify risk, Perform Qualitative Risk

analysis, Perform Quantitative risk analysis, Risk response plan, Plan procurement, Cost estimating and Budgeting and Plan Quality

 Facilitated knowledge in Monitoring and Control process group area. Topics handled

included:

 Verify Scope, Report Performance, Perform Quality Control, Perform Integrated
 Change Control, Monitor and Control Risk,

 Closing

 Professional and Social Responsibility

 Preparation of participants for the Project Management Professional (PMP) Course

Training of industry professionals on Project Management - March 2010

Employer - GIMPA Consultancy Services / Blue Alliance Ghana Limited(PART-TIME)

Duties:

 Facilitated knowledge in Human Resource Management. Topics handled included:
  Acquiring project team,

 Develop project team
 Managing project team

 Facilitated knowledge in Communications Management. Topics handled included:
  Plan Communication

 Distribute Information
 Report Performance

 Manage stakeholder expectation

Training of ten (10) number professionals on Project Management Professional Certification Course and Examination Preparation - December 2009

Employer - GIMPA Consultancy Services / Blue Alliance Ghana Limited (PART-TIME)

Duties:

 Facilitated knowledge in Planning Process group area. Topics handled included:

 Identify Stakeholder, Collect requirements, Develop Project Management Plan,
 Define Scope, Create Work Breakdown Structure (WBS), Plan Risk management,

Identify risk, Perform Qualitative Risk analysis, Perform Quantitative risk analysis, Risk response plan and plan procurement

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 Facilitated knowledge in Execution process group area. Topics handled included:

Professional  Acquire Project team, Develop Project Team, Manage project Team and Conduct

Training Procurement

Conducted

Cont’d  Preparation of participants for the Project Management Professional (PMP) Course

Training of forty-one (41) number professionals on Project Management Professional Certification Course and Examination Preparation - October 2009 to December 2009

Employer - GIMPA Consultancy Services/ Blue Alliance Ghana Limited (PART-TIME)
Duties:

 Facilitated knowledge in Execution process group area. Topics handled included:

 Acquire Project Team, Develop Project Team, Manage project Team, Conduct
 Procurement, Manage Stakeholder expectation, Perform Quality Assurance,

Distribute Information and Direct and Manage Project Execution

 Preparation of participants for the Project Management Professional (PMP) Course

Training of ten (50) number professionals on Project Management Professional Certification Course and Examination Preparation - September 2009

Employer - Business Support & Executive Programs (BSEP), Business School, GIMPA (PART-TIME)

Duties:

 Facilitated knowledge in Communications Management. Topics handled included:

- Plan Communication

- Distribute Information

- Report Performance

- Manage stakeholder expectation

 Facilitated knowledge in Risk Management. Topics handled included

- Plan Risk Management

- Identify risk

- Perform Qualitative Risk analysis

- Perform Quantitative risk analysis

- Risk Response Plan

- Control Risk

 Facilitated knowledge in Procurement Management. Topics handled included

- Plan Procurement

- Conduct Procurement

- Administer Procurement

- Close Procurement

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Professional
Capabilities

Computer
Proficiency

Academic Research & Projects

Academic

Awards

Hobbies

 Contract Administration and Project Supervision  Administration of Project Office

 Information Technology (IT) in Construction  Training of Construction Industry Professionals  Project Management

 Project Management Training for all professionals

High proficiency in Microsoft Word, Excel, Power point, Microsoft Project Professional, Internet Surfing, Outlook.

Low proficiency in AutoCAD and Construction Computer Software.

Abu, I. & Adjei-Kumi, T. (2019). *Design management framework*. Bloomington, IN: Authourhouse UK

Presentation on **Broad Principles of Project Management for Built Environment Professionals** – Ghana Institution of Surveyors -**September 2016**

Abu, I. (2016) *Communicating the best way, knowing your 7Cs* – Project Management Institute (PMI) Africa Conference, Ghana, **September 2016**

Bonney, I, (2010) *Cost Variability of Building Projects In Ghana*: *The Perspective of Building Services Installation Works’*. 1st International Postgraduate Research Conference on the Built Environment, KNUST, Kumasi. **June 2010 (Conference Proceeding)**

Bonney, I.. (2009) *Design Management Procedures of Building Services Installation Works in Ghana*.- [Unpublished PhD Thesis], KNUST

Bonney, I., (2004) *The abridgement of the Standard Method of Measurement for construction works (SMM7) to suit construction practices in Ghana. (Section G Structural/Carcassing, Metal/Timber)* [Unpublished BSc Thesis], KNUST

Ghana Education Trust Fund (GETFund) Award for PhD Study - 2005
Teaching and Learning Innovative Fund (TALIF) for PhD Study - 2006

Best Student Paper- 1st International Postgraduate Research Conference on the Built Environment, KNUST, Kumasi. - 2010

Travelling, reading, and singing

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Professional
Associations

Service to
University
Community

Leadership
Positions,

Christian

&other

commitments

Member, Association of Researchers in Construction Management (ARCOM) - May 2006 to Date Member, Project Management Institute (PMI) - March 2008 to Date

Member, Institute of Value Management (IVM) - May 2008 to Date
Project Management Professional (PMP) Certification - July 2008 - July 2021

Adhoc Committee, Face Lift of Central University - January 2017
Chairperson, Tender Evaluation Committee, Central University - January 2015 to date

Member, Strategy Implementation Committee, School of Applied Sciences, Central University -
July 2014 - 2017

Member, Colloquium Planning Committee, SAS, Central University, 2014-2017 Member, Publications Committee, Central University - ,March 2012 to 2015

Academic Advisor, Blue Crest University College, 2015

External Examiner, Post-graduate Thesis, Department of Building Technology, KNUST, 2014

Member - Archdiocesan development Committee, Accra Archdiocese, 2016 to Date
Chairperson, Project Committee, St. Raphael Catholic Church, Lashibi, 2012-2014

Project Committee Member, St. Raphael the Arc Angel Catholic Church, Lashibi - January 2011- 2012

Music Director, St. Raphael Catholic Church, Lashibi, 2011 to Date
Physical Development Member, KNUST Chaplaincy, - 2005- 2009

National Service Person, BT Department, KNUST- August 2004- August 2005 Voluntary Rural Educator, Morso Community - August 2003

Vice President, International Movement of Catholic Students (IMCS) Pax Romana, KNUST Local - 2003 - 2004

Coordinator, Ashanti Zone, International Movement of Catholic Students (IMCS) Pax Romana National - 2003 - 2004

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Referees:

Prof. Theophilus Adjei-Kumi

Kwame Nkrumah University of Science and Technology Department of Building Technology

College of Arts and Built Environment Kumasi, Ghana

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Email: tadjeikumi@yahoo.com

Arc. J. B. Nerquaye-Tetteh Central University

PMB

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