

ROBERT KOJO AMISSAH

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EDUCATION

University of Mines and Technology (UMaT)

Tarkwa, WR, Ghana

- Bachelor of Science in Geological Engineering August 2020
- CWA: 76.50%
- Second Class Honors (Upper Division)

RESEARCH EXPERIENCE

University of Mines and Technology

Tarkwa, WR

BSc Dissertation

July 2020

- Evaluating the Effects of Shredded Plastics on the Engineering Properties of Lateritic Soils

AusIMM Technical Paper Writing Committee

2019 - 2020

- (Unpublished), "The Contribution of Corporate Social Responsibilities by Mining Companies to the Sustainable Development in Tarkwa; Implications for Community Dependency and Empowerment".

AusIMM EEF Scholarship Application Article

March 2019

- (Unpublished), "Illegal Small-Scale Mining Activities within Communities in Ghana: Immediate and Future Impacts on the Environment and the Environment as a Whole"

AusIMM Membership Application Article

September 2018

- (Unpublished) "Geotechnical Site Investigation – A Vital Part of Modern-Day Civil Engineering Works"

KEY SKILLS AND COMPETENCIES

- Ability to work independently under minimum supervision and be accountable.
- Laboratory analysis on rocks and soil properties.
- Excellent research, critical thinking and analytical skills.
- Good technical report writing, core and chips logging, field mapping and QA/QC skills.
- Excellent interactive and interpersonal skills and the ability to work in a multicultural environment.
- Excellent computer skills (Microsoft Office Suite, DIPS software)
- Comprehensive knowledge on Acquire Database Management
- Intermediately skilled in using Leapfrog Geo, Datamine Studio RM and MapInfo softwares.

WORKSHOP AND CONFERENCES

Workshop and Conferences Attended

- “Datamine Studio RM Workshop” Abosso Goldfields Limited, Annual Workshop for Residents, 2021
- “New Leaders Online Conference” Australasian Institute of Mining and Metallurgy (AusIMM) Global Conference 2020
- “Developing Talents for the Mining and Oil Industry for Sustainable Economic Growth” Australasian Institute of Mining and Metallurgy (AusIMM) Tarkwa Chapter Conference, Tarkwa, 2019
- “The Role of the Geologist in the Petroleum Industry” Association of Geological Engineering Students University of Mines and Technology, 2018.
- “Value Addition in the Extractive Industry and Supply Chain Integration Towards Economic Growth” Australasian Institute of Mining and Metallurgy (AusIMM) Tarkwa Chapter Conference, Tarkwa, 2018
- “Leadership Training Seminar” National Union of Presbyterian Students, Ghana (NUPS-G) Conference, 2017

PROFESSIONAL EXPERIENCE

Abosso Goldfields Limited, Damang Goldmine **Damang, WR, Ghana**
Resident Geologist (National Service Person) September 2020 - October 2021

- Ensure that coworkers adhere to safe working protocols
- Supervising drilling and sampling activities
- Logging reverse circulation chips and diamond drilled cores
- Using blast movement technology to monitor ore block movements post-blast
- Demarcating ore/waste boundaries to ensure effective and efficient mining
- Perform frequent pit mapping on grade control floor to reconcile with existing geology model
- Report to the senior geologist in charge

Geologist (Intern) June 2019 - August 2019

- General Operations of the mineral resource management department
- Performed basic geotechnical procedures such as daily window mapping, pit wall monitoring and optimization using Dips software and GroundProbe monitoring technology
- Practiced Grade Control (GC) logging, sampling of RC chips and QA/QC activities
- Practiced Exploration RC chips and DD sampling and logging

UMaT Geotechnical Laboratory**Tarkwa, WR****Geotechnical Consulting (Intern)**

June 2019 - August 2019

- Acquired knowledge in the general operations of the laboratory
- Performed basic geotechnical procedures and tests including Site Investigation, Atterberg's Test, Rock and Soil Direct Shear Test, Soil Compaction Test, Rock and Soil Bulk Density Test, Slake Test
- Practiced the general application of theoretical knowledge in solving daily engineering problems like Material Strengths, slope failure and stability among others

AWARDS

Apostle George Ofose-Anim Educational Foundation**Tarkwa, WR**

Tertiary Scholarship Award (4-year rolling)

2016 - 2020

LEADERSHIP EXPERIENCE

Love Revolution Incorporated**Tarkwa, WR****Chairperson and Co-Founder**

July 2018 – Present

- Serve as the chairperson for the group
- Administer and coordinates the affairs of all other sections of the group
- Championed the organized a community outreach program to donate to The Angels of Hope Center
- Partnered with The Sankofa Initiative to embark on an HIV/AIDS awareness among the youth in the Tarkwa Municipality

University of Mines and Technology**Tarkwa, WR****Student Representative Council, (SRC) Welfare Committee Member** 2019 - 2020

- Appointed on merit by SRC to be a committee member
- Organized a clean-up exercise for the student body to clean the university campus
- Partnered with the SRC Women's Commission to organize health screening for female student populace during the Annual SRC Women's Week Celebration

Chamber of Mines Hall, Non-residential Students' Representative on the Welfare Committee Member 2019 - 2020

- Represented the non-residential students on the welfare committee of the Chamber of Mines Hall
- Ensured that registered non-resident hotels are provided with first aid kits with up-to-date medicines

National Union of Presbyterian Students, Ghana Cell Leader

2017 - 2018

- Served as the leader for David Cell

- Scheduled and Chaired weekly cell meetings
- Selected and trained students for end-of-semester inter-cells competitions

VOLUNTEER AND COMMUNITY SERVICE EXPERIENCE

Stem-aid **Tarkwa, WR**
Founder and Tutor May 2021 - Present

- Tutor and mentor science major high school students in the neighborhood in STEM fields during vacations

Love Revolution Incorporated **Tarkwa, WR**
Co-Founder 2018 - Present

- A social group focused on providing charitable donations to various foundations, encouraging youth involvement in national development, providing an avenue for social networking among peers for such purposes as career and health education

University of Mines and Technology **Tarkwa, WR**
AusIMM Mentorship Program, Tarkwa Student Forum 2019 - 2020

- Volunteered to help mentor new AusIMM members in the University to ensure their engagement and professional development

Geotechnical Lab Assistant 2018 - 2020

- Volunteered to assist the lab technicians in running the day-to-day activities of the laboratory sophomore to senior years of my undergraduate studies

PROFESSIONAL MEMBERSHIPS

- Australasian Institute of Mining and Metallurgy (AusIMM)
- Ghana Institute of Geoscientists (GhIG)
- International Water Resources Association (IWRA)
- Mining Industry Professionals (MIP)

LANGUAGES

English: Very Fluent
 French: Learner

REFEREES

Assoc Prof Michael Affam
 University of Mines and Technology
 Head of Geological Engineering Department – maffam@umat.edu.gh

Linda Doe
 Abooso Goldfields Limited, Damang Mine
 Senior Database Geologist - Linda.Doe@goldfields.com

Gilbert Bimpong

Abosso Goldfields Limited, Damang Mine

Senior Resource Geologist - Gilbert.Bimpong@goldfields.com