

RESUME

Angela Hiuhu

Email: Hiuhu.angela@ku.ac.ke

CAREER PROFILE

Open minded personnel with experience in various fields of engineering and education. I have the ability to perform well in tasks that require content creation, creativity, innovation, value creation, analysis of data, environmental impact assessment, modelling, and complete time sensitive processes.

ACADEMIC & PROFESSIONAL QUALIFICATIONS

Area of Learning	Institution	Year
1. MSc Environmental & Bio system Engineering- Power and Machinery Option	University of Nairobi	2015
2. BSc Environmental & Bio system Engineering (Water Resources and Irrigation Option) -2 nd Class Honors (Upper Division)	University of Nairobi	2012
3. Certified Professional Accountant (CPA) Section 4	KASNEB	2007
4. Computer Proficiency Course in Auto CAD, MS Office packages and QuickBooks	The University of Nairobi (Nuclear Science)	2007

PROFESSIONAL EXPERIENCE

From: March 2020	To: To date	Employer: Kenyatta University	Role: Tutorial Fellow- Agricultural and Biosystem Engineering Department
Units Tasked	<ul style="list-style-type: none">Heat and Mass TransferOperations ResearchSoil MechanicsEngineering Project Management.		
Skills acquired:	<ul style="list-style-type: none">Presentation Skills through giving lecturers and supervisionWritten and Verbal SkillsTeam work		
From: Sept 2016	To: Dec 2019	Employer: University of Nairobi	Role: Part Time Lecturer
Units Tasked	<ul style="list-style-type: none">Solid and Structural MechanicsThermodynamicsInfrastructure EngineeringProcess EngineeringPower and Machinery Engineering		
Skills acquired:	<ul style="list-style-type: none">Presentation Skills throughWritten and Verbal SkillsTeam work		
From: April 2018	To: January 2020	Employer: STANLIB Ltd Kenya	Role: Property Investment Analyst
Tasks:	<ul style="list-style-type: none">Management of property mandatesReport generation on property strategies and trends across all sectors.		

Skills acquired:	<ul style="list-style-type: none"> ▪ Analyzing of property related companies and any property related PE offers. ▪ Initiation and completion of property transactions as per the clients' requests. ▪ Financial modelling to forecast property performance. 		
Skills acquired:	<ul style="list-style-type: none"> ▪ Financial and data Analysis. ▪ Project Management. ▪ Good understanding of Debt and Equity Modelling. 		
From: March. 2014	To: March 2018	Employer: STANLIB Ltd Kenya	Role: Investment Dealer
Tasks:	<ul style="list-style-type: none"> ▪ Investment decision making, execution and daily cash management. ▪ Portfolio management of cash and fixed account mandates. ▪ Collection and analyzing of financial data on different asset classes. ▪ Innovation of systems improving efficiency. ▪ Coaching Interns assigned to the Investment team. 		
Skills acquired:	<ul style="list-style-type: none"> ▪ Generating reports ▪ Risk management ▪ Operational skills 		
From: July 2011	To: Oct. 2011	Employer: Norken International Ltd	Role: Intern under the Water and Sanitation Department
Tasks:	<ul style="list-style-type: none"> ▪ Prepared proposals and EOIs. ▪ Supervised water supply related projects. ▪ Carried out Environmental impact assessment and generated reports. 		
Skills acquired:	<ul style="list-style-type: none"> ▪ Software: Ms Office, Auto Cad, Qgis, Crop Wat, ClimWat, Stata and R. ▪ Development of community projects. ▪ Adapted to working in community set ups. 		
From: Aug. 2009	To: Nov- 2009	Employer: GIBBS AFRICA	Role: Intern: Kitengela – Kajiado road construction project.
Tasks:	<ul style="list-style-type: none"> ▪ Collection of materials from the site and testing. ▪ Decision making on suitable construction materials. 		
Skills acquired:	<ul style="list-style-type: none"> ▪ Conversant with road construction projects. ▪ Ability to work with diversified cultures. 		

PUBLICATIONS

- **Hiuhu Angela**, Optimization of the angle of frog in moldboard tillage operations in sandy clay soil, Open Journal of Optimization, December 2015, Ayub Gitau, Duncan Mbuge, John Ndisya .
- Ndisya John, Investigation of the effect of rake angle on draft requirement for ripping in sandy clay, Agriculture Engineering CIGR Journal, December 2016, Ayub Gitau, Duncan Mbuge, **Angela Hiuhu**.
- • Ndisya John, The effect of the operational parameters on the draft requirements of ripping in sandy clay, Agriculture Open Journal of Optimization, March 2016, Ayub Gitau, Duncan Mbuge, **Angela Hiuhu**

ASSOCIATIONS

- Registered Graduate Engineer
- Registered Associate NEMA Expert
- ICIFA Associate Expert

PROJECTS ASSOCIATED

- Social Impact Fellow with Moving World experteering in Malawi helping the community on a chicken rearing project reducing poverty. (On going)
- Development and project management of agricultural value chains for rice, soyabeans seedlings, fish, coffee and fodder growing with Endless Africa Limited in Kenya (June – November 2020)