

NAME 87

Address
Cell, Home, Business Phone
E-mail

OBJECTIVE

Project Manager/ Environmental Engineering

SUMMARY

Fourteen years of international and domestic experience leading and managing technical operations. Four years as water and environmental engineer. Eight years leading, managing and training Army Aviation organizations. Two years as Assistant Professor at university level. A proven leader and manager in the international arena capable of impacting the bottom line. Fluent in French and Bambara, conversant in Portuguese.

PROFESSIONAL EXPERIENCE

AGUA, INC. – City, State

Year - Year

Senior Development Engineer—City, State

Evaluated technical and financial feasibility of proposed ground water development projects. Managed consultants, reviewed technical data, conducted risk evaluation and prepared due diligence reports with recommendations to senior management.

- Conducted due diligence of a California ground water storage project involving \$80 million of capital investment, 90 wells, three pumping stations and 11 miles of canal network. Recommended the purchase to management and the purchase was consummated. Served as technical advisor to Project Managers during permitting and design phases.
- Evaluated Colorado ground water development project involving 50 wells and 180-mile pipeline. Reduced proposed well field costs by 18% by reconfiguring manifold network and well specifications.
- Served as Lead Engineer on an agricultural water reclamation project involving 12,000 acres of cropland, a 13-MGD desalination facility and water conveyance network. Recommended project be restructured using mobile desalination platforms, saving \$15 million in capital costs.

US PEACE CORPS

Year - Year

Water Engineer and Project Manager (Volunteer) -- Republic of Country (Year - Year)

Organized and developed sustainable community water projects in the northern villages of Country. Provided consulting services to 30 business and agricultural volunteers concerning water supply management in the Region. Served as an informal liaison between the US and Malian counterparts by living directly with villagers and completely integrating into the local culture.

- Redesigned a manual borehole drilling system tailored to local geohydrology. Construction costs were reduced 50% by using locally available supplies for well screens, casings and hand pumps.
- Formed and trained two well drilling businesses resulting in the installation of 23 wells and pumps in 14 months and the employment of 14 villagers.
- Designed and supervised construction of basin irrigation systems for two community farms. Systems reduced labor requirements by 60% and enabled villagers to expand gardens by 25%.
- Trained area farmers on diesel pump operation and maintenance and assisted two groups in the financing, purchasing, installation and commissioning of 125 GPM pumps.
- Conducted presentation for US Secretary of State concerning water engineering projects in Mali.

Environmental Educator (Volunteer)-- Countries (Year - Year)

Served as environmental education advisor to the Ministry of Environment. Initiated educational programs

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and conducted train-the-trainer workshops.

- Wrote proposal for a 5-year national environmental conservation and education program. Proposal was approved and funded by the UN Environmental Program for \$800,000.
- Trained 5 youth groups in environmental conservation methods. Training resulted in groups initiating weekly beach cleanups, monthly radio programs and community environmental education seminars.

US ARMY

Year - Year

Aviation Battalion Operations Officer --Republic of Korea (Year - Year)

Planned, organized and managed training for 350 personnel. Coordinated flight operations for 39 aircraft and 150 aircrew members. Served as liaison to Korean units. Pilot of UH-60 Blackhawk helicopter.

- Coordinated and executed field deployment of the Battalion for two major one-month exercises on the Korean peninsula.
- Worked with local Korean aviation counterparts and revised joint plans and contingency operations.

Assistant Professor -- City University, City, State (Year - Year)

Recruited, instructed and trained 98 future US Army officers.

- Prepared cadets for summer camp evaluations resulting in mean scores 15% above Army standard.
- Planned and conducted the first summer camp in the northeast for 250 at-risk inner city youth. Camp is now an annual event which instills self-confidence in disadvantaged youth.

Company Commander -- Company, # Aviation Battalion, City, State (Year - Year)

Responsible for the welfare and training of 52 personnel. Coordinated and led company missions. Operated and maintained 16 aircraft and related support equipment valued at \$17 million.

- Supervised over 2,400 accident free flight hours throughout the Pacific basin.
- Planned, coordinated and conducted air/sea/rail deployment of 250 personnel, 29 aircraft and 75 vehicles to the Kingdom of Thailand for a two month exercise. Accident free deployment resulted in enhanced relations between Thai and US governments.

Brigade Flight Operations Officer -- Aviation Brigade, # Infantry Division, City, State (Year - Year)

Coordinated aviation logistical support throughout the Pacific basin. Managed 15,000 flight hours annually for ten companies and 102 aircraft. Supervised a staff of six. Served as Pilot-in-Command of UH-1H helicopter.

- Published an Aviation Liaison Officer's Guide that standardized the employment of liaison officers.
- Coordinated over 3,000 missions during a three year period - not one mission was ever dropped.

Company Operations Officer and Platoon Leader --# Assault Helicopter Company (Year - Year)

Directly responsible for the welfare and training of 24 personnel. Established training programs for 44 aviators and 100 support personnel. Managed 23 aircraft and 3,500 annual flight hours. Served as Pilot-in-Command of UH-1H helicopter.

- Directed flight operations involving 1,500 flight hours in Thailand, Philippines and Korea for six accident-free months resulting in an international Aviation Safety Award to the Unit in YEAR.

EDUCATION

M.S. Civil Engineering - State Institute of Technology - City, State

B.S. Engineering Mechanics - US Military Academy - City, State

TECHNICAL SKILLS

Engineer-in-Training Certificate

MS Word, Excel, Lotus, PowerPoint and C++ capable.