

JOHN M. AGEE, E.I.

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Education

Bachelor of Science in Engineering – Civil Specialty, Colorado School of Mines (Golden, CO), 2006

Engineering & Technical Skills

Computer Skills

- Software
 - Microsoft Office
 - AutoCAD LDD
 - Autodesk Civil 3D 2009
 - Autodesk Hydraflow 2009
 - StormCAD XM
 - WaterCAD XM
- Programming
 - Fortran
 - Visual Basic
 - VBA Scripting
 - LISP (AutoCAD)
 - HTML & CSS
 - JavaScript & PHP

Surveying Skills

- Use of Instruments and Surveying Methods
 - Brunton Compass
 - Chain
 - American Transit
 - Hand Level
 - Engineer Level
 - T-1 & T-2 Theodolites
 - Total Station
 - GPS

Other Skills

- Drafting
 - Technical Writing
 - Laboratory Familiarity
 - Technical Design
 - Teamwork Experience
 - Digital Video Editing
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International Civil Engineering Experience

JR Engineering

Centennial, CO, U.S.A.

2006 – Present

Project Engineer

- Competency in engineering practices, design plan sets, and construction processes
- Management of staff and project budgets & schedules
- Horizontal and vertical design of utility pipelines (potable water, non-potable water, sanitary sewer, storm sewer)
- Hydraulics & hydrology computer modeling (storm runoff, pipes, channels, ponds)
- Design of pump stations, groundwater well sites, non-jurisdictional reservoirs, and small-scale treatment solutions
- Demand modeling for water & sewer utility service
- Technical report writing for funding, permitting & design plan submittals
- Project management and coordination of design with Transportation, Structural, Land Development, and Survey teams
- Committees: Recruiting (hiring & training), CAD Development (company standards & procedures)

Engineering Ministries International

Jalle, Jonglei State, Southern Sudan

May 2009

Volunteer Civil Engineer

- Designed school site master plan with team of professional volunteers
- Performed site survey, soil percolation test, and water quality testing of area wells
- Designed water supply, water storage, wastewater solutions, & site drainage

Engineering Ministries International

Mokanji, Moyamba Dist., Sierra Leone

March 2009

Volunteer Civil Engineer

- Prepared hospital renovation plans with team of professional volunteers
- Assessed and designed water supply & wastewater treatment for 25-bed hospital facility

WorldRelief/Baptist General Conference

Yogyakarta, Java, Indonesia

May 2007

Volunteer Sanitary Treatment Trainer

- Observation and interviews during site visits to villages devastated by May 2006 earthquake
- Trained local World Relief staff on septic tank & leech field design

Baptist General Conference

Province du Adamaoua, Cameroon

July 2005

Short-term Missionary

- Assisted with cross-cultural groundwater well caretaker training classes
 - Groundwater well sampling and testing in remote villages
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Achievements

Engineer Intern

- Passed F.E. examination in April 2006 & Graduated from accredited engineering school
- Working under licensed Professional Engineer (P.E.) to obtain P.E. licensure

Professional Societies

- American Society of Civil Engineers – Associate Member (2006 – Present)
- American Water Works Association – Professional Member (2006 – Present)