

Dahria Uwamahoro E.I.T

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Education:

B.S. in Civil Engineering with Honors (Emphasis in Hydraulics & Hydrology Engineering)
University of Colorado Denver, GPA: 3.64

May 13, 2017

Experience:

City of Aurora, Aurora Water – Planning and Engineering Services
Engineering Technician I

May 2017 – Present

- Perform site and civil utility plan reviews including stormwater management plans and reports
- Generate Standard Operating Procedures for Aurora Water's Taps Office
- Review Cost Proposal for the City's Wastewater Flow meters
- Research and compare Standards, Specification, and design guidelines for the City's Wastewater lift Stations
- Issue and renew storm water quality permits, generate Tap connection fees, and aid in Quarterly Tap connection fee reports

City of Aurora, Aurora Water – Planning and Engineering Services
Intern

May 2016 – May 2017

- Learned to read and analyze engineering plans and reports under the supervision of Aurora Water's Design Engineers in order to review site and civil utility plans in accordance with the City's standards and specifications
- Reviewed and verified data the City's existing sanitary infrastructure as part of the Wastewater Master Plan project
- Learned and utilized Arc GIS Software for daily tasks and projects such as determining and analyzing utility infrastructure
- Oversaw on the installation of a gravity sanitary sewer line from the project estimating stage through bidding and construction while acquiring field inspection experience
- Reviewed contractor submittals for the construction of a gravity sanitary sewer line
- Reviewed proposals for the City's Wastewater Master Plan Basin E Flow Monitoring project
- Researched other local municipality's underdrain specifications and provided a summary to upper management for review

Conference Coordinator (2016 ASCE Rocky Mountain Region)

Fall 2015 – Summer 2016

- Managed contacts, deal closures, \$40K+ budget, and planned an event for 40+ individuals
 - Learned project management skills such scheduling, budget tracking, and the importance of teamwork and reliability
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Relevant Courses:

- Senior Design (Drainage Master Plan for UDFCD)
- Storm Water Systems Design (Analysis and Design of Storm water Systems and infrastructures)
- Hydro-systems Engineering and Water Supply and Distribution Systems (Sanitary System design; water distribution system design)
- Civil Engineering Graphics & Computer-Aided Design
- Vadose Zone Hydrology (Underground water modeling)
- Transportation Engineering & Highway Design
- Reinforced Concrete and Steel Design
- Engineering Contracts, Construction Engineering Systems, and Construction Planning and Control (Cost estimation, project scheduling, material take off)

Relevant Skillsets:

- Proficient in Microsoft Office, Microsoft Project 2016, Windows Outlook, and well-skilled working in AutoCAD, ArcGIS, CIVIL 3D, Autodesk NAVISWORK, RS Means Online, HEC-RAS, Google Sketchup, and RISA 2D
 - Exceptional collaboration and ability to communicate and work with any group
 - Exceptional understanding of responsibility and reliability
 - Multilingual: Portuguese, English, and Spanish
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Organization Memberships and Awards:

- Awarded Outstanding Undergraduate Student in Civil Engineering Department for the 2017 graduating class
 - Awarded ASCE's one of three outstanding Senior Civil Engineer Student of the year 2017
 - American Society of Civil Engineers (ASCE)
 - National Society of Collegiate Scholars (NSCS)
 - Construction Managers Association of America (CMAA)
 - Structural Engineers Institute (SEI)
 - Tau Beta Pi
 - National Society of Black Engineers (NSBE)
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References:

Roxann M. Hayes P.E.
Senior Instructure, CTT
UC Denver, CEAS
P: 303.803.8920

Peter Marxhausen, M.S., P.E.
Instructor
UC Denver
P: 303.972.4300

James DeHerrera
Design Engineer
City of Aurora, Water Dep.
P: 303.739.7296
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Vernon Adam, P.E.
Engineering Services Manager
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