

Education & Certifications:

Electrical Technology A.A.S.; LCCC | Industrial Automation A.A.S.; LCCC

Technical Leadership B.A.S.; Commonwealth University (Q2 2027)

Project Management Professional (PMP) certification

OSHA-10 DOL Construction Industry Certification

Construction Interface Management Course (Pre-Req for PMI- Construction Professional certification)

Construction Contract and Risk Management Course (Pre-Req for PMI-Construction Professional certification)

Work History:

UGI Utilities – Associate Project Engineer; Business Development Engineering (August 2019 – Present)

My current role at UGI is in New Business Engineering, an engineering design and project management role which tasks me with coordinating between sales, construction personnel, and site developers by facilitating designs that meet safety, cost, and regulatory needs, as well as estimate and forecast project install costs, including time, labor, and equipment requirements, and maintain project financial actuals.

I work with the Area Engineering, Environmental, Land, Corrosion, GIS, Operations and System Planning groups to ensure network growth projects are installed up to current federal, state, municipal, and UGI standards. In this role, I also manage the planning of workflow in Business Development by running regular team meetings with sales staff and the maintenance of the Sales Project Tracker. I aid in the record-keeping of installation requirements within a given area, as well as our own UGI job-folder and installation records. I also help facilitate and track PA 1-call coordination within the team to help ensure all necessary communication between municipalities, other utilities, and our engineering staff takes place, and 1calls on new business projects are up-to-date and compliant. What began as a designer role has grown into one where I work independently and autonomously on projects of all sizes from first contact with sales to completion of installation, managing tight timelines and difficult sites effectively through project stakeholder engagement to ensure safe, reliable, cost effective and time efficient designs and installations. As the senior member of the team, I am a point-person and mentor to my colleagues as well as a well-utilized resource on new business operations and planned projects by my colleagues in the Lehigh area.

Mack Trucks – Design Engineer; Customer Engineering (May 2017 – August 2019)

At Mack, I worked within the Customer Engineering: Vehicle dynamics group, with specific focus within the pneumatics, axle, suspension, wheels, tires, and brake areas of the truck. My role consisted of working with both internal and external engineers as well as the factory to ensure a safe product that can be built on the assembly line while meeting custom customer requirements not met by the standard offerings of the product lines, utilizing proven solutions or combinations of them to achieve specific capabilities needed from customers that were not available in standard offerings, but could still be feasibly assembled on-line.

Lutron Electronics – Electronics Technician (intern) (May 2016 – May 2017)

My time at Lutron was spent within the LED center of excellence, which tested the visual and technical compatibility between LED lamps and a variety of dimmer systems. This involved the regular use of testing equipment to verify the pairing would work smoothly long-term, ensuring minimal shimmer, buzzing, and smooth travel in the LEDs were met with a given dimming system to give the company's recommendation for use on pairing of certain product lines. This work helped to expand the company's LED compatibility tool: <https://webtools.lutron.com/compatibility/us/en>. This routinely involved specialty test requests by high profile and niche customers, who would look to get this test data from us in a timely manner on custom and specific use-cases.

Key Competencies:

Engineering, Drafting, Project Management, natural gas pipeline operation and installation, project cost estimating, GIS mapping, IBM mainframe, SAP, HTML, C++, PLC programming, CADD (Autodesk, Creo, Catia, SolidWorks), communication, OSHA standards, regulatory standards for utility construction, database management

References:

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Charles Loeffler: Sr. Growth Execution Specialist; Sales; UGI Utilities | (484) 223-7161 CLoeffler@ugi.com

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Randy Miller: Sr. Supervisor Capital Construction; UGI Utilities | (484) 553-9809 RMiller@ugi.com

Johanna Herb: Engineer III, Area Engineering, UGI Utilities | (484) 878-0829 JHerb@ugi.com

Jason Ugwu PE, PMP: Former mentor @ UGI, PPL Alum, Assistant Engineering Manager GAI Consultants | ugwujason@yahoo.com

Hugh Harris: Manager Area Engineering; Business Development; UGI Utilities | (484) 955-5017 HHarris@ugi.com

(Additional References Available Upon Request)