



AQUA-AEROBIC SYSTEMS, INC.
A Metawater Company



Get To Know Me Noor Guron

What is your new position at Aqua-Aerobic Systems?

Application Engineer

Tell us a little bit about yourself and your family.

I am Noor Guron, a recent Chemical Engineering Graduate from the University of Michigan, Ann Arbor. I was born in the U.S. but was raised and completed my schooling in India. I am a first-generation Engineer in my family. My parents live and work in India in the Education Industry.

What are your past education and work experiences?

I completed my schooling in India, and my undergraduate education in Chemical Engineering from the University of Michigan, Ann Arbor. During my time at the university, I was a part of the UMICH Che Car team (a student organization that created box sized cars which ran on chemical batteries for national level college competitions) as a research officer – with a main focus on researching battery models that are eco-friendly to run the car. I previously interned with four specialty chemical companies including Sun Pharmaceuticals, Henkel, Evonik and INEOS Nitriles. I worked with the Process/Production Engineering team on CGMP Production Processes involving both Capital and Non-Capital Processes. My work focused on conducting material and energy balances using ASPEN HYSYS across reactors, recovery columns and pipeline systems to determine feasible operation parameters (temperature, pressure, pH) to run the equipment's utilized the SAP, calibrated function graphs and worked cross

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functionally with the supply chain team to evaluate the cost of installing in a new VFD/reactor support equipment. For capital projects, I designed three dimensional ISO drawings using AUTO CAD taking into account the changes in pipeline systems, and installation of new equipment and worked on remodeling P&ID's based on ISO drawings. The changes on the P&ID's also involved weekly OSHA regulatory safety checks and report generation. I worked on documenting and writing OSHA/Safety reports on a weekly basis.

How about your hobbies and things outside of work that interest you?

I enjoy reading particularly domestic fiction (my favorite is a Thousand Splendid Sons by Khaled Hosseini) and autobiographies. I also enjoy calligraphy painting. For the outdoors, I enjoy playing lawn tennis.

What is something that you have always wanted to do?

I have always wanted to be an engineering professional in the Environment Sustainability Industry since the age of 12. Growing up in India, having see poor quality air and un-sanitized water affect the health of the people in my locality, my interest to pursue a career as an Environmental Engineer grew more. Additionally, I would also want to learn as a many foreign languages as I can.

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