Albert E. Larson   Providence, RI   401-595-0124

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Profile

Degreed engineer. MBA graduate. Researcher. I am looking for freelance opportunities within the global hydrology community where leadership skills, a creative mind, and strong attention to detail are some of the valued traits for success.

Experience

University of Rhode Island   Kingston, RI   January 2020 - Present
Graduate Assistant
Trained five students to storytell using programmatically-obtained remote sensing imagery (e.g. MODIS, Landsat).
Created a python-based deep learning framework capable of improving satellite-derived water observations.
Produced a SWAT model-based two sample test comparing the performance of STATS2GO and SSURGO.
Assisted the teaching of an undergraduate course titled "Environmental Engineering."

Wescor   Wrentham, MA   June 2016 - August 2018
Territory Manager
Prospected, bid, and supported water and wastewater projects from design development through startup.
Managed relationships with contractors, engineers, vendors, & financiers.

Zoll   Chelmsford, MA   July 2013 - August 2014
Sales Engineer
Served as technical expert and provided consultative support to stakeholders.
Traveled with local and strategic sales representatives.

Dewetron / Dewesoft   Wakefield, RI / Whitehouse, OH   March 2011 - March 2013
Sales Engineer
Visited key accounts throughout the US.
Exhibited at trade shows.

Education

Doctor of Philosophy, Civil & Environmental Engineering   June 2019 - Present
Program of Study: Water in the Environment, Waterborne Diseases, Geospatial Watershed Modeling, Remote Sensing of the Natural Environment, GIS Analysis of Environmental Data, Programming for Scientists, Neural Networks & Deep Learning

Master of Business Administration, Supply Chain Management   Jan 2019 - May 2020
Bachelor of Science, Mechanical Engineering   Sep 2005 - May 2009