

## Brandon Iglesias Biography

Brandon Iglesias is a 2013 Kauffman Foundation Global Scholar, where he studied hard science & engineering commercialization at MIT, Harvard, Stanford, University of Illinois Urbana Champaign and NASA Ames Singularity University. He is a graduate of the DOE:EERE National Geothermal Academy and holds a MS in finance, MS in business administration from Tulane University and a BS in Chemical Engineering from LSU. Prioritized studies include, automation for power and controls at National Instruments (NI), electrochemistry, computer science, gas combustion at The John Zink Institute in Tulsa, OK and phycology at National Center for Marine Algae & Microbiota (NCMA). Brandon's industry experience spans industrial refineries, tank farms/blending and specialty chemicals to founding several successful hard science, IoT and prototyping startups: Reactwell, Safety Spot and Carbon Center.

His innovation campus and hard-science & engineering commercialization experience, includes director of engineering that raised funding, designed & built the prototyping labs, test, assembly space and shops for LACI and Los Angeles Department of Water & Power (LADWP)'s innovation campus in downtown Los Angeles, CA and recruited human and resource capital in amount of \$15mm. LADWP is the United States of America's largest municipality owned water and power utility, serving over 4,000,000 residents.

His industry experience includes refinery economic & planning, finished fuel blender, refinery laboratory manager and process engineer for FCC and reformers in the Caribbean and Gulf of Mexico U.S.

His startup experience includes running a successful holding company for the past 8 years, that has spun-off three separate companies at various commercialization levels, which comprise field deployments all the way to activating manufacturing lines, with each entity comprising a dedicated team. Organizations, such as Yale University, Harvard, Sempra Energy, Los Angeles Department of Water and Power, U.C. Berkeley, USC, Rice University, Georgia Tech, DuPont, Northrop Grumman Corporation and various other entities depend upon the technologies and businesses that Brandon has developed from applied first principles all the way through to manufacturing and operations.

IoT/IIoT Hardware & Software spin-out [www.safetyspot.com](http://www.safetyspot.com) is commercially mature, with manufacturing line for IoT hardware devices in USA being activated in spring 2019. This software and hardware serves as unified command center for chemical management, site access, lms/training, system of record, scheduling, equipment access via hardware enforcement via power systems, pneumatic and controls. The focus is to make safety affordable & less complex. Simplicity solves safety.

In addition to industry, startup and commercialization experience he has prototyping experience with clean water technologies, carbon dioxide capture and conversion, vacuum systems, sorbents, aviation flight test, flight simulation, flight ops, mechatronic & chemical process engineering, laboratory systems integration with operations for real-time sampling & analysis, programming, hardware IoT devices, concentrated solar new product R&D with business model validation as well as downstream oil & gas unit startups for systems and oil movements w/r/t ops & trading desk. Additionally, U.S. Department of Energy (DOE) National Laboratories, agencies and their PIs collaborate and license technologies with his team focused on applied R&D and associated later stage commercialization.

