

ERIC G. HAGER

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Professional Summary

Eric is an agricultural and technology entrepreneur, systems designer, co-founder & CEO of Isabel Technologies. He focuses primarily on the design of innovative crop intensification systems and companion digital technologies. Over the past several years he has designed, managed and implemented agricultural and technology products and programs across three continents for some of the world's largest NGO's including the World Food Program's Innovation Accelerator and the International Institute of Tropical Agriculture.

Business Development & Technology Consulting

- UNITED NATIONS WORLD FOOD PROGRAM (Mar. 2016 - Present)
- Currently, leading the development of H2Grow, the World Food Program's online platform for capacity-building in hydroponics
 - Developed hydroponic systems for the production of fresh animal feed in the desert in partnership with the WFP-Algeria and WFP-Chad
 - Assisted WFP staff with the deployment of over 100 hydroponic systems in Algeria and Chad
 - Managed the official launch of "HydroApp" with local governments in Lima, Los Olivos and Ventanilla in Peru
 - Led a team of developers for "HydroApp" the United Nations World Food Program's primary hydroponics mobile application
 - Led a UN-sponsored team to introduce the pilot program for "HydroApp" in the rural outskirts of Lima, Peru to initiate a minimum viable product via WhatsApp to validate use-cases for application features
- INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (Oct 2017 – Jan 2018)
- Developed off-grid cultivation and remote monitoring systems for production of African yam seed
- BCI - SOLAR (Feb. 2016 – May 2016)
- Developed cash-flow models, financial and cost projections for a steel plant manufacturing for solar tracking systems
 - Produced detailed comparable analysis to determine optimal location for producing steel tubes in Arizona, California and Nevada
 - Conducted extensive research on manufacturing incentive packages throughout the Western United States
 - Created detailed state-by-state research reports on manufacturing incentive packages and local regulatory schemes

Start-ups

- ISABEL TECHNOLOGIES, INC. (May 2015 – Present)
San Francisco, CA
- Co-Founder & Director of Operations*
- Established a Nigerian subsidiary and secured financing from a Nigerian angel investor.
 - Established key partnerships with the World Food Program and the International Institute of Tropical Agriculture.
 - Initiated key partnerships with the San Francisco City Government & the Treasure Island Homeless Development Initiative to secure lease-free space for Isabel's research greenhouse, the first of its kind within the city limits
 - Developed training program for new employees focusing on cutting-edge hydroponic farming techniques, system maintenance and the fundamentals of on-farm food safety
 - Led our product development team to enhance greenhouse automation, farm management and food traceability applications
 - Worked directly with international and local vendors to source greenhouse and hydroponic systems
 - Raised \$250,000 in seed capital from, Sheridan-Dose Investments
- FARM-X (May 2013 – Aug. 2015)
Berkeley, CA
- Co-founder*
- Social venture seeking to create a career pipeline to indoor farming and related fields for at-risk youth in the Bay area
 - Selected for Earth Island Institute Project Support Program, a leading incubator for start-up environmental nonprofit projects
 - Awarded Northern California Environmental Grassroots grant from the Rose Foundation for Communities and the Environment
 - Raised funding from the Oakland Unified School District and the Rose Foundation to launch a STEM/vocational training program at Castlemont High School in East Oakland
 - Facilitated a student-led conversion of a former JROTC gun range into a vertical hydroponic greenhouse
 - Selected to exhibit Farm-X at the Italian Pavilion of the 15th International Architecture Biennale located in Venice, Italy
 - Partnered with the University of Bologna's Agronomy Department on a 6-month long feasibility study for vertical farm designs
- LIFECYCLE GARDENS (Sept. 2012 – Jun. 2013)
Santa Rosa, CA
- Product Manager*
- LifeCycle Gardens is an environmentally conscious brand seeking to provide all people with a renewable source of fresh produce that can be grown at home; regardless of space or sunlight restrictions
 - Developed sales, marketing and positioning strategy for LifeCycle Garden's first product, Garden-on-Wheelz
 - Headed product development and implemented new product features such as Garden-on-Wheelz's innovative self-watering system.

Awards & Other

Awards

- Singularity Global Impact Challenge Finalist
- World Food Program Innovation Accelerator Bootcamp Spring 2017 Cohort

Certifications and Skills

- Financial Modeling & Valuation, Grant Writing, Product Design, Invision, Sketch, Android Studio, Sketchup Pro & Layout,
- Professional working proficiency in Spanish
- Certified ServeSafe Food Protection Manager

Volunteer Experience and Interests

- Volunteer English Teacher in Nepal (Apr. 2012 – August 2012)
- Avid traveler including over 25 countries and counting

Education

- UNIVERSITY OF SAN FRANCISCO *Class of 2018*
- Bachelor of Arts in Economics, College of Arts & Sciences*