

OVERVIEW

An enterprising product development manager and creative media producer with eight years' experience maturing revolutionary aerospace structures, inspiring tomorrow's engineers, and capturing visual stories from around the globe. A quick learner with excellent analytical and organizational skills who is well versed in leading teams of experts to solve difficult problems within novel go-to-market strategies. Exemplary written and oral communicator.

PROFESSIONAL EXPERIENCE

Look for the Good Project, Inc. | Latin America Dec 2014 – present
Photographer, Journalist, Advisory Board Member

- Professionally photograph, video, and translate interviews, edit copy, and produce promotional videos (10+) for Look for the Good Project social media, print, and web publications included in school programming deployed in over 200 schools
- Published *Together We Rise* (ISBN: 978-1530106424) in Feb 2016, a book featuring gratitude-centric stories of resilience collected via \$20k self-funded travel to capture 43 field interviews in 12 countries on three continents

Space Exploration Technologies (SpaceX) | Hawthorne, CA Nov 2013 – Dec 2014
Launch Vehicle Certification Manager, Structures Engineering

- Served as primary customer interface in third party structural evaluation of Falcon 9 launch vehicle for National Security and NASA satellite missions, resulting in successful EELV certification allowing SpaceX to compete for additional \$60 billion in future government contracts
- Created component-level reviews of all major rocket structures' design, analysis, build, and operation details to support structural evaluation of Falcon 9 Rocket in pursuit of launch vehicle certification, managing a 120 engineer team and 23 full days of customer presentations over 6 months

Sikorsky Aircraft Corporation, a Lockheed Martin Company | Stratford, CT May 2011 – Aug 2013
Principal Investigator, Blades Engineering

- Led a \$10M government R&D program consisting of 5 engineers and subcontracted supply-base of 12 businesses and research centers in the implementation of thermal spray material development, demonstrating 6X improvement over existing solutions for enhanced erosion resistance on BLACK HAWK rotor blades; recognized with Blades Engineering Q2 2013 *Leading Edge* award for outstanding contributions

Trade Show Team Lead - EAA AirVenture Convention | Oshkosh, WI Mar 2011 - Aug 2012

- Coordinated Sikorsky tradeshow presences at the 2011 & 2012 EAA Oshkosh KidVenture, including design of booth content, production of interactive learning modules, and impactful trade show execution with hands-on activity for 2000+ students, now continued under HeliVenture™ as Lockheed STEM education initiative

Structural Analyst & Designer, Blades Engineering Jun 2009 – May 2011

- Performed static (linear & non-linear) and fatigue analyses to provide structural substantiation for composite rotor blade designs including S-97 RAIDER™ as well as crafted proposals to develop products for new rotorcraft performance spaces (\$5.5M awarded)

EDUCATION

Georgia Institute of Technology | Atlanta, Georgia Aug 2004 – May 2009
Bachelor of Science Mechanical Engineering, Spanish Minor
President's Scholar; Dean's List; InVenture Prize Finalist; EIT – GA, 2009; GPA 3.7 (4.0)

Continuing education: **University of Colorado**, ME in Engineering Management Jan 2012 – May 2012
Web-based Master's level courses in *Product Development & High Technology Marketing*; GPA 3.5 (4.0)

COMPETENCIES

- Software: CATIA V5, NX 6.0, ANSYS, NASTRAN, MATLAB, MS Office, Mac OSX, Adobe Creative Suite
- Advanced level of speaking, reading & writing Spanish with experience in 14 Latin American countries & Spain
- XTERRA Offroad Triathlon Racing Series: *Northeast Region Champion Men 25-29* – 2010 & 2011