

Brett A. Brewer

281-794-9298
brett.brewer@utexas.edu

6514 Belmont Bend
Katy, TX 77450

Education	Bachelor of Science, Aerospace Engineering 2013 The University of Texas at Austin – Cockrell School of Engineering Minor: Business Foundations Certificate Program GPA: 3.3/4.0
	Halliburton Business Foundations Summer Institute 2011 McCombs School of Business – UT Austin
Skills	Engineer in Training Certified #50043 <ul style="list-style-type: none">• Passed NCEES Fundamentals of Engineering exam and TBPE certified• Proficient in Microsoft Office, Data Mining, and ISO/P&ID/PFD Analysis• Familiar with AutoCAD, MATLAB, API 510, API 570, SharePoint, Access
Experience	Administrative Assistant, Zone Construction, LLC – Katy, TX 2016 – Present <ul style="list-style-type: none">• Solving and managing Information Technology issues• Writing letters, invoices and other documents• Attending project bid meetings and transporting critical documents• Managing multiple phone lines and coordinating with office visitors• Managing marketing and quotes/invoices for Lago Vista Fishing and Hunting Lodge, Lake Guerrero, Mexico
	Process Safety Management Engineer, Provenance Consulting, LLC – Borger, TX 2014 – 2015 <ul style="list-style-type: none">• Implemented mechanical integrity program on-site for Phillips 66 oil refinery• Maintained Plant Condition Management Software (PCMS)• Developed Inspection Planning Reports and Inspection Metrics Reports• Performed Management of Change (MOC) action items to isometric AutoCAD drawings and PCMS• Created MOC ISO/PCMS action item tracking system and led weekly quality control meetings
	Asset Integrity Analyst, Pinnacle Advanced Reliability Technologies, LLC – Pasadena, TX 2013 <ul style="list-style-type: none">• Implemented risk-based analysis and mechanical integrity programs for oil refinery• Managed project phases by writing procedures, providing training, performing quality control, and tracking hours• Analyzed Process Flow Diagrams (PFDs), and Process and Instrumentation Diagrams (P&IDs) to determine modifications made to revamped units• Correlated isometric drawings (AutoCAD drawings) and construction drawings of equipment/pipes to P&IDs• Created equipment and piping line lists of multiple units from client's documentation
	Structures/Payloads Lead, Senior Aircraft Design – UT Austin 2012 – 2013 <ul style="list-style-type: none">• Designed unmanned aerial system conceptually by analyzing requirements and performing mission design• Led design of Precision Guided Expendable (PGE) release mechanism• Analyzed performance of PGEs of various weights, geometries and probability of destruction statistics• Created extensive Excel program predicting aircraft performance• Selected as winning design team and implemented designs during second semester• Experienced systems engineering by coordinating 21-person team during second semester
	Teaching Assistant, McCombs School of Business – UT Austin 2012 <ul style="list-style-type: none">• Collaborated with professors to teach and manage Halliburton Business Foundations Summer Institute• Selected as Lead Teaching Assistant for Foundations of Marketing course• Graded exams and assignments, held office hours, and recorded attendance• Served as Peer Advisor regarding Business Foundations Program as a whole
Achievements & Activities	Finance Committee, American Institute of Aeronautics and Astronautics (AIAA) 2011 – 2013 <ul style="list-style-type: none">• Formed ways to promote AIAA, particularly financial status• Participated in committee meetings and general AIAA meetings
	Eagle Scout Award 2006 <ul style="list-style-type: none">• Organized and completed service projects• Demonstrated leadership by directing 50+ scouts• Earned 3 Eagle Palms by remaining active in leadership roles