

Paul B. Huter
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Employment

Product Engineering Manager, Stanley Black & Decker February 2019-April 2019
Effecting over \$20k per year cost savings through engineering design changes
Providing dynamic leadership to a diverse team of engineers
Coordinating efforts between engineering team and manufacturing team in order to improve plant operations

Systems Engineer, Rockwell Collins October 2017-December 2018
Deconstructing requirements from customer to system-level
Developing documentation to support future navigation systems
Supporting future navigation hardware and software system testing and integration

CEO, PBHspace August 2015-July 2017
Developing a cloud cover model based on historical averages which allows for prediction of cloud coverage for any day of the year over the surface of the Earth
Designing the Q1 Spacecraft Bus with the goal of reducing the cost of access to space
Providing consulting services to small spacecraft engineering firms, including best-practices and market trends
Carrying out trade studies on a conceptual launch system through the application of Python-derived models
Development of mission planning for a conceptual space-debris monitoring

Systems Engineer Staff, Lockheed Martin IS&GS November 2013-August 2015
Carrying out investigations for proposed Missile Defense System upgrades and changes, including developing modeling parameters and complex data analysis of the modeling results

Systems Engineer Senior, Lockheed Martin SSC October 2012-November 2013
Performing detailed effectiveness analysis of multiple components of the BMDS, developing and executing tools to model the behavior of the BMDS
Utilizing MATLAB code and Linux-based shell scripts as part of the MEADS BMC4I Analysis Team, carrying out regression verification of hardware and software requirements to demonstrate system effectiveness in support of two successful Flight Tests
Developing test scenarios for testing of the MEADS BMC4I software, and exercising those scenarios for the collection of data for further analysis

Modeling and Simulation Engineer, MEI Company October 2011-August 2012
Implementing technical planning while developing C++ computer code to convert multiple different types of trajectory files into the two necessary formats for customer analysis prior to a Flight Test and generating solutions meeting strict formatting guidelines in order to fulfill customer requirements

Aerospace Engineer II, SAIC May 2009-October 2011
Demonstrating a propensity for learning quickly to aid in the areas of trajectory analysis and infrared signature modeling and analysis for MDA threats as well as MDA EKV interceptor and GMD analysis in STK and GMDSim
Recognizing that the method being employed for IR signature modeling was inefficient and inaccurate, and working to develop a procedure that delivered more accurate results
Converting customer requirements into a solution by working on the development of a customized version of STAMP to run a trajectory model of the Aegis SM-3 interceptor and working to integrate it into the UMPIRE software

Associate Safety Engineer, SAIC July 2007-April 2009
Lab Technician, WesTest June 2006-June 2007
Intern, NASA JPL June 2005-August 2005
Researcher, NASA Space Grant September 2004-May 2005

Education

Certificate, Fundamentals of Project Planning and Management, University of Virginia 2015
Certificate, Creative Problem Solving, University of Minnesota 2014
Certificate, Modeling and Simulation, University of Alabama in Huntsville 2011
Master of Science, Engineering Management, University of Houston-Clear Lake 2010
Bachelor of Science, Aerospace Engineering, Embry-Riddle Aeronautical University 2006

Certifications

Fundamentals of Engineering / Engineer in Training 2006
Order of the Engineer 2006
National Aerospace Engineering Honor Society 2004