

DANA ANDREWS

Aerospace Engineer

Pasadena, CA

Highly motivated, decisive and results-oriented individual seeking a full-time position as an Aerospace Engineer in the areas of Design, Structural Analysis, and Propulsion.

WORK EXPERIENCE

SPACEX

Propulsion Engineer | Aug, 2011 – Current

Responsibilities included: writing technical reports and other documentation, such as handbooks and bulletins, for use by engineering staff, management, and customers, analyzing project requests and proposals and engineering data to determine feasibility, predictability, cost, and production time of aerospace or aeronautical product.

- Reviewing performance reports and documentation from customers and field engineers, and inspect malfunctioning or damaged products to determine problem.
- Evaluating and approving selection of vendors by study of past performance and new advertisements.
- Planning and coordinating activities concerned with investigating and resolving customers' reports of technical problems with aircraft or aerospace vehicles.

JPL, NASA

Aerospace Engineer | Jun, 2005 – May, 2011

Responsibilities included: performing a variety of engineering work in designing, constructing, and testing aircraft, missiles, and spacecraft.

- Developing design criteria for aeronautical or aerospace products or systems, including testing methods, production costs, quality standards, and completion dates.
- Planning and conducting experimental, environmental, operational and stress tests on models and prototypes of aircraft and aerospace systems and equipment.
- Formulating conceptual design of aeronautical or aerospace products or systems to meet customer requirements.

BOEING

Flight Test Engineer Intern | Nov, 2001 – Apr, 2005

Shadowed aerospace engineering and mechanical teams and helped prepare flight and advance fabrication reports, weight and balance forms and flight test safety checklists for new aircraft. Participated in test coordination meetings, on-aircraft ground testing and instrumentation installs.

- Increased knowledge of aircraft systems, flight test program procedures, documentation and regulatory requirements.
- Served on team that conducted flight readiness reviews for new aircraft. Helped perform ground/electromagnetic interference tests, fit checks and remote site test preparations.

EDUCATION

UNIVERSITY OF PHOENIX

MBA - Aerospace Engineering | 1999 – 2001

UNIVERSITY OF PHOENIX

Bachelor of Science - Aerospace Engineering | 1995 – 1998

SKILLS

AutoCAD	MathCAD	C++	Python	MS Project	MS Excel
Unix/Linux					

CONTACT INFORMATION

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