

Andrew W. Lyjak

SOFTWARE ASSURANCE/VERIFICATION/DEVELOPMENT · SYSTEMS ENGINEER

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"This is the real secret of life – to be completely engaged with what you are doing in the here and now. And instead of calling it work, realize it is play."

January 14, 2019

RAYTHEON

6125 E. 21ST ST.

INDIANAPOLIS, IN 46219, USA

Introduction

Dear Raytheon recruitment team,

I recently moved to Indianapolis after living and working in Los Angeles for over eight years. During this time, I have been employed by SpaceX. I worked remotely for SpaceX on a temporary contract, which has recently been completed. I am looking to move on, and searching for new adventures in an exciting, future driven company local to this city.

My interests revolve around bridging the digital and physical world in ways that are intuitive and safe. At SpaceX, I implemented and executed software assurance activities related to ensuring the safety and quality of flight software for the Falcon and Dragon vehicles. In this position I gathered and maintained experience in a diverse range of engineering fields: examples include the "hard" engineering fields such as aerospace, electrical, and computer engineering, as well as the "soft" engineering fields such as process, quality, and requirements engineering.

Additionally, I have had numerous opportunities to collaborate with my wife on machine learning problems and their solutions related to her work as a neuroscientist specializing in studying imaging and genetics related to the understanding of Alzheimer's disease. This is how I have developed proficiency with R, specifically associated with its tremendous capabilities in the fields of machine learning and data analysis.

Why Me?

My background in aerospace engineering should prove my technical and analytical acumen, while my broad range of software experience at SpaceX should prove my broad skill set, self motivation, and ability to quickly learn on the job. I pride myself in basing my work on first principles, this helps maintain focus on the right solution, not just what is currently popular or hyped. I believe I have established a reputation for being a reliable, valued, and respected member of each team I have had the pleasure of working with. I look forward to having further conversations with the Raytheon team!

Sincerely,

Andrew W. Lyjak