

# ANDREW ROLLINS

Tel.: +1 520-867-1914 | Email: a-roll@resumesbot.com | 2323 Dogwood Lane, Tucson, AZ 85701

Dear Mrs. Henning,

I am writing to apply for the advertised Engineer position.

I am drawn to your company because of the opportunity to apply my theoretical and critical thinking skills practice and to constantly extend my scientific Knowledge and engineering skills.

I believe the academic honors that I have received throughout high school and college are a testament to my determination and work ethic.

In addition to maintaining a 3.68-grade point average in the University of Arizona Honors College, I am an active member of Arizona's American Society of Engineers.

I'm an innovator with hands-on experience in prototype development using SolidWorks 3D modeling. As well as the production process, such as 3D printing, CNC machining, molding, casting, functional prototypes, finishing at a production-level appearance. I'm ready to take on unexpected mechanical design challenges with analytical skills and continue to learn and grow.

Currently, I'm working as an engineer and helping to create and implement standards and procedures for the newly created engineering and drafting departments. My previous leadership skills have helped me assist management in navigating the needs of a growing facility.

I work on cross-disciplinary projects, good at bringing the conceptual ideas to products.

Here are a few examples recently I was working on:

- A fly-wing aircraft, from academic paper to successful powered flight test. Newly designed onboard GNC computers.
- An Ultra WideBand real-time location system, New system modeling equation sets to guide the firmware developed in C++ from scratch, also a new set of system calibration methods.

With my personal passion in aviation and UAV, I worked on unmanned system in a startup.

I am highly motivated and look forward to the varied work which a position in your company would offer me. Thank you for your time.

Sincerely,

Marshall Mendoza

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