



CHARLIN ASHINI

1941 Evans Street, Huntsville, AL
35891

256-560-2040

W.ashini@nasa.gov

PROFESSIONAL SUMMARY

Experienced Engineer with 3 years of applied expertise in analyzing and synthesizing object modeling as well as commercial space efforts. Proficient in developing with various modeling and design to document the development planning systems. Successful space system architecture, successful of proving critical leading in further research.

• COMSOL Multiphysics

• MATLAB

• Simulink Dynamics STM

• LabVIEW

• Productive Analysis

• Python

EXPERIENCE

AeroD Industries | NASA Marshall Space Flight Center | Huntsville, AL

February 2024 - Current

Automated Aerospace Programmer

- Automated Marshall Center's Office staff in defining automated aerospace and its forms as relation to operational design.
- Utilized rapid analysis of digital assets and analyzed aerospace development in various engineering, design and simulation.
- Modified various documents and commercial assets for automation in NASA and commercial aerospace organizations.

The University of Arizona | Tucson, AZ

May 2024 - February 2026

Staff Scientist

- Comprehensive and improvement research data modeling and analysis methods for applications to modeling of Space Belt objects.
- Authored US Air Force grant applications to secure over \$1.5M in funding across 3 years for significant research into space planning system objects.

EDUCATION

Master of Science | Astronomy

May 2026