

ZACHARY SELLINGER

Education

B.S. in Spaceflight Operations
May 2020

Embry-Riddle Aeronautical University, Daytona Beach, FL

Relevant Courses: Space Policy, Homeland Security, Satellite and Spacecraft Systems, Safety Factors, Spaceflight and Ops Training

Select Projects: Mission Control Simulation and Spaceflight Operations Planning & Analysis

Skills

In-Depth Industry Knowledge
Microsoft Office Suite
Risk Assessment
Space Research & Fact-Checking
Technical Writing
Cross-Functional Collaboration
Project Management
Exceptional Customer Service
Relationship Development

Credentials

Excel Skills for Business: Essentials Course Certification (four levels) via Macquarie University's Coursera portal

Strengths

Teamwork
Hyperfocus & Memorization
Detail Oriented
Meticulous Organization
Proactive Learner
Clear Communicator

Profile

A motivated self-starter and graduate of the Spaceflight Operations degree program at Embry-Riddle Aeronautical University. Functions independently with a high degree of initiative while maintaining a balance between multiple priorities. Recognized as a fast learner with a consistent track record of high performance, attention to detail, and proven ability to build working relationships. Determined to utilize dedication and extensive knowledge of space history to secure an entry-level role or internship in the commercial space industry.

Industry Experience & Highlights

SELLINGER'S BRANDING & EVENTS

Fulfillment Specialist / January 2022-Present

- Receives and processes orders for corporate online stores
- Responsible for packaging and fulfillment, inventory management, and warehouse organization
- Filled out special orders on occasion
- Listed merchandise of all kinds on eBay

MODULARITY SPACE INTERN

February-May 2021

- Logged the fundraising and investment choices of various business firms
- Corresponded press releases on new highlights within the space industry
- Composed an extensive safety plan about satellite manufacturing and implemented risk management factors and safety report form
- Participated in weekly meetings with the team and worked directly with senior management and the CEO
- Compiled a Department of Defense personnel contact sheet

SPACEFLIGHT OPERATIONS PLANNING & ANALYSIS

August-December 2019

- Created a fictional mission to fly by the Kuiper Belt near the edge of the Solar System
- Studied what instruments can be used for the satellite to conduct its scientific objectives
- Determined what launch vehicle is suitable to launch the spacecraft to its destination

NASASPACEFLIGHT.COM MODERATOR

August 2016-June 2019

- Covered 100 rocket launches as a moderator
- Researched facts and implemented findings in the commentary
- Provided evidence for bulletins discussing the space program

MISSION CONTROL SIMULATION

January-April 2019

- Utilized Python program to compute code for a space station debris avoidance maneuver
- Collaborated with three other members to demonstrate teamwork
- Simulated debris avoidance maneuver performed successfully by end of semester