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# SCOTT R. TOBIN

1980 Shubert Lane  
Port Orange, FL 32128

## EDUCATION

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### University of Florida

Gainesville, FL

Bachelor of Science in Aerospace Engineering; Teaching Assistant

December 2025

Bachelor of Science in Business Administration — Management

GPA: 3.18

Relevant Coursework: C++, Python, Business Analytics & AI, Numerical Methods, Linear Algebra, Differential Equations 1-2, Business Finance, MATLAB, Management, and Marketing.

### Daytona State College

Daytona Beach, FL

Dual Enrollment Associate of Arts Degree With Honors

December 2020

GPA: 3.78

## DATA AND ANALYSIS EXPERIENCE

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### Northrop Grumman Corporation: *Test Engineering Intern*

May 2024 – August 2024

- Analyzed flight test data to enhance verification and validation processes, supporting data-driven decision-making.
- Led test planning, execution, and data analysis to validate system performance, providing insights for engineering decisions and operational improvements.
- Conducted root cause analysis to resolve technical issues, ensuring system reliability.
- Developed and maintained databases, ensuring data accuracy and accessibility.
- Used simulation tools to analyze performance, optimizing operational efficiency.

### Northrop Grumman Corporation: *Vehicle Engineering Intern*

May 2023 – August 2023

- Applied Model-Based Systems Engineering (MBSE) for streamlined development and requirement management.
- Conducted system-level troubleshooting and data analysis to resolve complex technical issues.
- Contributed to the creation of technical documentation, ensuring accurate information for future reference.
- Utilized flight simulator capabilities to analyze pilot interactions, improving intuitive controls.

### Gardner Aircraft Sales, Inc: *Associate Sales Manager*

May 2020 – August 2022

- Analyzed market trends for aircraft acquisition and sales, optimizing inventory turnover.
- Conducted performance demonstrations, aiding customer decision-making.

### Eaglesport Aviation 501c3: *VP — Head of Glider Operations*

October 2017 – August 2021

- Spearheaded a nonprofit soaring operation aimed at providing affordable aviation opportunities to passionate individuals in the field.
- Instructed flight training candidates on the basics of aeronautical knowledge and aircraft upkeep.

### Commercial UAS Operator: *FAA Part 107 Remote Pilot*

March 2020 - Present

- Coordinated with FAA and Air Traffic Control, ensuring regulatory compliance.
- Employed 3D modeling and GIS software for data collection and analysis.

## SKILLS

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- Certified in Microsoft Office (Excel, Word, PowerPoint).
- Proficient in C++, MATLAB/Simulink, Microsoft Access, and Python.
- Private pilot with ~400 hours total time; single engine land and glider.