



# Fabled Sky Research Internship Application Form

Thank you for your interest in the Fabled Sky Research Internship Program. This form is designed to gather essential information about your background, your research proposal, and your preferences for the program. Please complete all sections carefully, providing as much detail as possible. Once submitted, your application will be reviewed, and you will be notified of the next steps. This internship is an opportunity to develop your research skills, work alongside expert mentors, and explore meaningful topics in your chosen field.

## Applicant Information

**Full Name**

**Email Address**

**Phone Number**

**Current Educational Status**

*Briefly describe your educational status: E.G. High School Student, College Graduate, etc.*

**School/University**

**Field of Study**

*Enter the name of your current school or institution. If not applicable, write "N/A."*

*Enter your current field of study, interest, major, or academic focus*

## About You

*Provide a brief introduction about yourself, including your educational and career goals. Focus on your current path, future aspirations, and how this internship supports your growth. No need to stress—this section is just for general background information. Please refrain from discussing your research proposal here.*



## Research Proposal

This section is the heart of the application. Applicants must clearly outline their research project, including the problem they intend to solve, the approach they will take, and the outcomes they hope to achieve.

### Proposed Research Title (10-25 words)

Enter the title of your research project. It should be concise and clearly reflect your area of study.

### Problem Statement (200-300 words)

Describe the issue or question your research aims to address. Explain why this problem is important and what gap in knowledge or practice you intend to explore. **Clarifying Details:** Why is this problem significant? What are the current challenges related to this problem?



## Research Objective (100-150 words)

Clearly state the objective of your research. What do you hope to achieve by conducting this research?

**Clarifying Details:** What specific outcome or solution do you aim to provide?

## Methodology (200-300 words)

Describe the methods you plan to use in your research. This may include experimental methods, data collection, surveys, literature reviews, or other approaches relevant to your field. **Clarifying Details:**

What steps will you take to gather data or insights? How will you analyze the data? What tools or technologies will you use? (e.g., software, equipment)



## Expected Outcomes (150-200 words)

Explain the expected results or findings of your research. What do you hope to discover or prove through your work? **Clarifying Details:** How will your findings contribute to the field of study? What practical or theoretical impact do you anticipate?

## Significance of the Research (150-200 words)

Briefly describe why this research matters. What are the broader implications of your research for the field or for society? **Clarifying Details:** How will this research benefit others or lead to new insights? Why did you choose this particular topic?



## Previous Experience (Optional)

**Description:** This section is completely optional and allows applicants to highlight any relevant experience that may strengthen their application. They can list previous research, internships, or relevant academic work.

**Previous Research or Projects (if any):** Briefly describe any relevant projects or research work you've completed in the past. If you have any publications, presentations, or reports, mention them here.)

**Clarifying Details:** What was the focus of your previous work? What were the key outcomes?

**Skills or Tools Proficiency:** List any research-related skills, tools, or software you are proficient in, such as data analysis, statistical software, programming languages, laboratory equipment, etc.)



## Mentorship Preferences

**Description:** This section focuses on aligning the applicant's interests with the right mentorship support. Applicants can specify any preferences for mentors or fields they are interested in working within.

**Preferred FSR Research Field:** Indicate the field of research you are most interested in by selecting one of our core departments:

- 1) **STEM Research (I.E. Scientific Research):** Focuses on advancing scientific knowledge and developing innovative solutions in the fields of science, technology, engineering, and mathematics. We conduct in-depth studies across a range of areas including environmental science, energy sustainability, biomedical engineering, and more. Our researchers work on real-world problems, contributing to groundbreaking advancements that can drive future technological and societal improvements.
- 2) **AI Integration (I.E. Software Development/Research):** Leverages cutting-edge artificial intelligence and SaaS technologies to solve complex problems across industries. We focus on areas such as machine learning, natural language processing, computer vision, and predictive analytics. Our AI research aims to enhance automation, optimize data-driven decision-making, and provide innovative solutions that improve efficiency and accuracy in business operations, healthcare, and beyond.
- 3) **UAV Technologies (I.E. Hardware Development/Research):** Specializes in the research and development of hardware technology for a wide array of applications. From environmental monitoring and aerial surveying to logistics and disaster response, we explore innovative uses of UAVs and their hardware to improve safety, efficiency, and data collection across industries. The department also focuses on integrating AI into UAV systems for autonomous operations and advanced image analysis.
- 4) **Strategic Advisory (I.E. Business Research):** Provides research-driven insights and actionable solutions to help organizations navigate complex challenges. We work closely with industries such as finance, healthcare, and logistics to develop strategies that enhance performance, manage risks, and optimize operations. This department's focus includes risk management, market entry strategies, process optimization, and sustainability initiatives, leveraging data analytics and research to inform long-term strategic decision-making.

**Are you open to working with a mentor outside your chosen field?**

*In the event certain departments are impacted, we may need to pair you with a mentor outside of the core department (E.g. If you indicate an interest in AI Integration and it has been impacted due to demand, we may pair you with an equally capable mentor from a different department, such as UAV Technologies.)*

YES

NO

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## Availability and Time Commitment



It is important to understand the applicant's availability and time commitment. This section will help ensure that the intern's schedule aligns with the program's needs.

**Preferred Start Date:** When would you be available to begin your research? Specify an approximate date.

**Estimated Time Commitment:** Estimate the number of hours per week you can dedicate to the internship.

Hours

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## Acknowledgements and Signature

In this section, the applicant acknowledges that they understand the nature of the program and agree to its terms.

**How did you hear about this program?**

### Acknowledgment Checkbox:

**Check to confirm:** "I understand that this is an unpaid internship focused on research and personal development. I acknowledge that all the information provided is accurate to the best of my knowledge."

- **Signature:**

(Enter your full name as a digital signature.)