

**Job Opportunity
with
GALAMAD AEROSPACE PTE. LTD.
(Singapore UEN: 202300694E)**



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Space Agents Developer

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What will I be doing?

You will build artificial intelligence agents that are customized for

- 1) space mission design, analysis, recommendation
- 2) spacecraft engineering design

In practice this means you will develop chatbots, querybots, and agents that interface with Large Language Models but have their context refined based on space industry knowledge such as papers, patents, and mission publications. Besides industry-specific knowledge your agents will also feed on our own internally generated documents and activities. As an example your querybot shall have the ability to respond to a question like “What are the three key action items we agreed on at the meeting on 29 August 2023”.

What is required of me?

- Be able to write code that interacts with an API (send basic GET, POST and other CRUD requests then parse raw HTTP responses or JSON-encoded responses). If you have worked with standardized API paradigms such as REST that is a plus, but not a requirement. Experience actually writing APIs (i.e. providing the API service) would be a huge plus, but also not required.
- Basic knowledge about vector databases; how they are created and why they are needed in the context of LLMs
- Knowledge of machine learning (as applied to images, audio, or text data) would be useful. However our team will give you a crash course if needed.
- Knowledge of Python is a must. You shall be comfortable getting packages from the Python Package Index and incorporating them into your Python programs
- Basic knowledge of web frameworks, especially Python-based frameworks such as Django, in order to build interfaces for interacting with your agents
- You shall have a wild, wild imagination. We certainly can't wait to be surprised by what you craft and the stories we tell together!

What in it for you:

- Very cross-disciplinary skills. Building intelligent agents on top of industry-specific data and context is by far the most powerful programming skill over the next couple of years
- A team that tries to be as humane as possible. We may not be your blood family but it is our honest hope that your time with us will be nurturing, fun, and the best part of your day
- Awesome monetary compensation
- Space. Nowhere is cooler