



Company Background:

AI Arrive is an artificial intelligence company with the vision to create AI products that accelerate research and enhance our understanding of human disease. AI Arrive partners with pharmaceutical clients to greatly accelerate R&D and drug development efforts by helping clients to make go/no-go decisions, prioritize drug targets, and uncover the mechanism of action (MoA) for drug targets. *DiseaseScribe* enables researchers to identify patient data that pertains to their drug's mechanism of action.

Team Size: 4-5 Students

Location: Remote, client/team meetings will be held with Zoom.

Project Summary: AI Arrive would like to enrich the results of patient specific network algorithm using an LLM that identifies relevant literature to genes/protein interaction and also present intuitive data visuals for the end user. The patient specific networks are a set of algorithms that provide a gene/protein network of a responder patient and non-responder patients for RNA-Seq datasets. The patient specific gene network will be feed into the LLM agent which will then search for related information from the biomedical literature (e.g. pubmed).

Key Skills/Technologies: A background in LLM agents, AI/ML, NLP, web scrapping and backend (Firebase) would be beneficial for this project. The team can seek guidance from the client.

Student Benefits:

- Freedom to develop a creative solution to the problem.
- Future paid internship opportunities
- Build leadership skills by seeing the project through to completion.
- Opportunity to work on a project that is high impact and can make a difference

Contact Information:

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