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 optimize patient specific network algorithms and workflow. 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 workflow consists of python and bash scripts that need to be improved upon and connected to a database and UI. This will be a tool to help researchers explore the implication of their drug's mechanism of action in context of clinical outcome data.

Key Skills/Technologies: A background in python, bash scripts, networks 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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