

# Founding Full-Stack Software Engineer

## About the role

We have an LLM-based audience simulation model in production (Python) benchmarked at >87% accuracy and a v1 app built on Next.js (TypeScript) and Supabase (Postgres) for decision-makers to create models of their audiences and ask questions.

Pre-product-market fit, our roadmap is a set of branches we'll iteratively explore as we learn. We are looking for a **Founding Full-Stack Software Engineer** to:

- Design and implement improvements to our existing LLM-based **answers** simulation engine, expanding its use cases and tuning its alignment with reality.
- Talk to users to understand their use cases and workflows and collaborate with the founders on decoding and navigating the market to decide what to build.
- Build user-focused product features to increase our existing product's market-fit and iteratively improve, adapt, or kill those features based on further feedback.
- Research and develop technical solutions for new and unforeseen problems to enable the company to rapidly explore the PMF search space.
- Identify, reason about, and process real-world human behavioural data to train, prompt, and evaluate human simulation models.
- Design, implement, and maintain our infrastructure for model evaluation, deployment, and testing.
- Own a range of ongoing engineering decisions, from high-level architecture and technology questions to low-level implementation details.

## About you

- You have a range of engineering experience on production software across both front-end and back-end, giving you the knowledge and confidence to make high and low-level engineering decisions.
- You are proficient in, or able to quickly become proficient in, TypeScript and Python.
- You have experience with or are willing to learn our current tech stack: Next.js (TypeScript), Supabase (Postgres), OpenAI/other LLM APIs.
- You are excited to join, and ideally have experience of, a very early-stage, pre-PMF startup: tiny team, early technology, lots of uncertainty and urgency.
- You are flexible and scrappy, willing to routinely take the initiative to find novel solutions to unexpected problems.

- You are aligned to the mission to simulate the human world to advance society. Ideally, you have worked on or tinkered with simulation or AI-based approaches to modelling and predicting human behaviour.
- You are willing to work in-person at least 3 days a week from central London.

## Benefits & compensation

- Stock option plan with above-market equity.
- Salary of £70k to 110k depending on experience.
- 30 days paid time off.
- Budget to buy the equipment you need to be productive.
- Central London office.
- 10% “System Time”: one protected, self-managed day every 2 weeks to work on improving the system of the company and/or experimental ideas.
- Plus the standard benefits:
  - Parental leave.
  - Pension.
  - Public holidays.
  - Sick days.

**P.S. A work visa will be provided for the successful candidate to relocate to the UK.**

This role is open for one of our business partners in the United Kingdom. Please send your resume via this application form: <https://linmetrics.com/aLCSH>