The Taimaka Project
Ending multidimensional poverty in northern Nigeria with evidence-based solutions

About Taimaka’s Computer Science Internship:
Gombe State, Nigeria has one of the highest rates of stunting and malnutrition for under-five (U5) children in the world, resulting in between 1,000 and 2,000 estimated avoidable deaths each year. Despite efforts by the government, we estimate that over 32,000 children in Gombe suffer from acute malnutrition. Your skills would support us towards our ultimate goal: ending acute childhood malnutrition in Gombe through an innovative, government-co-financed program.

Beginning in February of 2022, the Taimaka Project will be piloting a Community Management of Malnutrition (CMAM) program in partnership with a state government in Northeastern Nigeria to treat 2,700 children experiencing moderate and severe acute malnutrition. Taimaka is attempting to drive down program costs and treat more children by building dedicated case management software that is not currently available in the nutrition space. This internship would entail 8-10 hours of work per week with a flexible end date and work hours and is unpaid.

Areas you could work on:
- Creating dashboards so that program managers can assess the state of day-to-day operations and quickly identify problem cases
  - Including algorithms which can automatically flag cases that need attention
- Constructing API endpoints to retrieve program data
- Constructing digital admissions tools for health workers to reduce the chances of a misdiagnosis occurring
- Automating SMS+voice notifications to caregivers to remind them about upcoming appointments
- Optimizing a PostgreSQL database to enable large numbers of patients to be handled efficiently

What we are seeking:
- Interest in working with a nonprofit organization
- Prior experience with:
  - Frontend development with React or React Native
  - OR backend development with PHP and SQL
  - OR data science with Python/Pandas

How to Apply:
To apply to join our team, please email justin@taimaka.org with your resume and a brief (500 word) statement of interest that highlights your relevant skills and why you would like to work with a nonprofit. We look forward to hearing from you!
**About Us:**
The Taimaka Project is a joint US-Nigerian NGO focused on cost-effectively saving and improving lives by tackling seasonal hunger and malnutrition in northern Nigeria. Since 2019, we have delivered $152,000 in post-harvest loans in Gombe, generating over $50,000 in additional income for 1,000 families. Our evidence-based operational approach and success as an early-stage charity has resulted in backing from high-profile funders, including USAID, Founders Pledge, Citi Ventures, and D-Prize, and won us international recognition for our innovative programming.

**Management Team:**
- **Parth Ahya**: BA Oxford; researcher for Government of India; strategy for UChicago Development Innovation Lab; advised former Google CEO, Eric Schmidt, on $1bn commitment to support global talent
- **Dr. Abubakar Umar**: MBBS University of Maiduguri; 10+ years of clinical experience managing cases of acute malnutrition in Gombe
- **Justin Graham**: BA PPE, Oxford; MA, Georgetown University; former: US DoD development analyst, machine learning researcher at the Center for Strategic and International Studies